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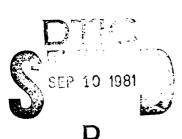
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HEIGHT-GAIN ATLAS FOR AN ELEMENTAL VERTICAL ELECTRIC DIPOLE ABOVE A FLAT EARTH

John L. Heckscher Eli J. Tichovolsky

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Levence J. Elkins

Propagation Branch

Electromagnetic Sciences Division

APPROVED: Gelan C. Scheel

ALLAN C. SCHELL, Chief

Electromagnetic Sciences Division

FOR THE COMMANDER:

JOHN P. HUSS

Acting Chief, Plans Office

John P. Huse

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The complex height-gain for an infinitesimal vertical electric dipole (VED) above each of five homogeneous flat surfaces representative of sea water, well-conducting earth, poorly conducting earth, fresh water, and ice is calculated at 0.1, 1, 10, and 100 MHz for selected ranges. The amplitude and phase of the three cylindrical electromagnetic field components are given for source elevations of 0, 3/4, and 3/2\lambda in sets of 36 tables and 48 figures for each of the five types of surface.				

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Preface

We are grateful to Dr. E. A. Lewis for generous support of this project, and to J. P. Turtle and W. I. Klemetti for assistance in producing the numerous figures.

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Height-Gain Atlas for an Elemental Vertical Electric Dipole Above a Flat Earth

1. INTRODUCTION

The purpose of this report is to provide practical information on the height distribution of the electromagnetic fields from an elementary vertical electric dipole (VED) above five flat, homogeneous earth surfaces representative of sea water, well-conducting earth, poorly conducting earth, fresh water, and ice. Over the last several decades the need for such data has grown, primarily because of increased use of communication and navigation systems aboard aircraft. These data also could be of value in assessing the performance of a vertical distribution of VEDs.

Historically, the problem of the elementary VED above a plane, homogeneous earth dates back to Sommerfeld. Since then, numerous authors have given mathematical expressions for the fields (for example, the work of Norton, 2, 3 Wait, 4, 5 Banos, 6 and King 7), and extensive numerical calculations for the fields as functions of distance along the surface have been provided (see work by Norton, 8 Terman, 9 Wait and Campbell, 10 Wait and Howe, 11 and Wait, 12). On the other hand, much less attention has been paid to the height-gain functions. Some results are available for certain frequencies and distances (such as was obtained by Norton, 8 Wait and Campbell, 10 and King et al 13, 14), while other data are given in the form of universal curves which require the user to calculate appropriate

⁽Received for publication 3 March 1981)

Because of the large number of references cited above, they will not be listed here. See References, page 333.

quantities. 9 In this report both tables and curves are given with parameters selected for applicability to current AF systems.

Although strictly for an infinitesimal dipole, the data may be useful for source antennas as much as a half-wavelength in size. These data no longer represent the true height-gain when the free-space radiation pattern of the source differs appreciably from that of the infinitesimal dipole.

2. PRESENTATION OF RESULTS

This atlas presents height-gain data for each of the five representative earth surfaces, and Table 1 lists their assigned electromagnetic parameters. The air is assigned $\sigma_2 = 0$ and $\kappa_2 = (1.0003)$. The magnetic permeability of both air and earth is $\mu_1 = \mu_2 = 4\pi \times 10^{-7}$ H/m.

Table 1. Conductivity and Dielectric Constants Adopted for Various Earth Surfaces

		
Type of Surface	σ_1 (S/m)	κ ₁
Sea Water	4	80
Fresh Water	10 ⁻³	80
Ice	2×10^{-5}	5
Well Conducting Soil	10-2	20
Poorly Conducting Soil	10 ⁻³	10

The vertical and radial electric fields E_z and E_ρ and the azimuthal magnetic field H_ϕ are given by Eqs. (A1), (A2), and (A3), respectively, in Appendix A. The height-gain amplitudes are computed as the ratios

$$E_{z}(\sigma_{1},z)/E_{z}(\infty,0) \tag{1}$$

$$E_0(\sigma_1, z)/E_z(\infty, 0)$$
 (2)

and

$$H_{\phi}(\sigma_{1},z)/H_{\phi}(\infty,0) , \qquad (3)$$

where the normalization factor is either the vertical electrical or the azimuthal magnetic field at the surface of a perfect conductor. On the other hand, the height-gain phases are given as the phase differences

$$arg E_2(\sigma_1, z) - arg E_2(\infty, z)$$
 (4)

$$\arg E_{o}(\sigma_{1},z) - \arg E_{o}(\infty,z)$$
 (5)

and

$$\operatorname{arg} H_{\phi}(\sigma_{1}, z) - \operatorname{arg} H_{\phi}(\infty, z)$$
 (6)

between the fields at height z over the earth and over a perfect conductor, except in the special case of arg $E_0(\infty,0)$ which is indeterminate.

Height-gain curves for sea water are shown for E_2 in Figures 1 to 24 and for E_1 in Figures 25 to 48. Curves for E_2 are not given since they are practically identical to those of E_2 . The figure titles give frequency, downrange distance d, and VED height. Each figure is composed of two plots: relative amplitude vs height and phase difference vs height. The relative amplitude plot contains two curves: one with the symbol X to indicate a perfect conductor $(\sigma_1 = \omega)$, the other with the symbol to denote the actual surface. The phase difference plot utilizes + and - to indicate that the phase leads or lags, respectively, the phase over a perfect conductor. The computer program to produce the plots incorporated an automatic routine to scale the amplitude and phase difference axes to within 3 dB and 3 degrees, respectively, of the maximum value calculated, to make the fullest practical use of the available space.

The height-gain functions also are given for E_Z in Tables 2 to 13, E_ρ in Tables 14 to 25, and H_ϕ in Tables 26 to 37. The height interval is 1 percent of the maximum height for the lowest 30 points, and is 5 percent for the remainder.

Height-gain curves for fresh water are shown for E_z in Figures 49 to 72, and for E_{ρ} in Figures 73 to 96. The height gain functions also are given for E_z in Tables 38 to 49, E_{ρ} in Tables 50 to 61, and for H_{ρ} in Tables 62 to 73.

Height-gain curves for ice are shown for E_z in Figures 97 to 121, and for E_ρ in Figures 122 to 144. The height gain functions also are given for E_z in Tables 74 to 85, E_ρ in Tables 86 to 97, and for H_ρ in Tables 98 to 109.

Height-gain curves for well-conducting soil are shown for E_Z in Figures 145 to 168 and for E_ρ in Figures 169 to 192. The height-gain functions also are given for E_Z in Tables 110 to 121, E_ρ in Tables 122 to 133, and for H_ϕ in Tables 134 to 145.

Height-gain curves for poorly conducting soil are shown for E_z in Figures 192 to 216 and for E_ρ in Figures 217 to 240. The height-gain functions also are given for E_z in Tables 146 to 157, E_ρ in Tables 158 to 169 and for H_ϕ in Tables 170 to 181.

All of the values given in the above figures and tables lie within the ranges of validity derived in Appendix B.

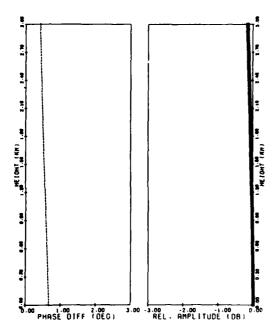


Figure 1. Vertical Electric Field (Sea Water)
Freq. = 0.1 MHz, Dist. = 30 km, VED Height = 0.00 m

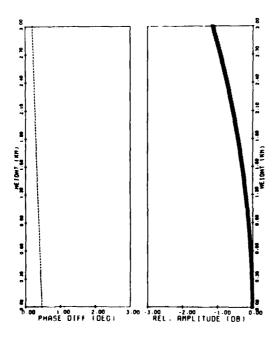


Figure 2. Vertical Electric Field (Sea Water) Freq. = 0.1 MHz, Dist. = 30 km, VED Height = 2247.60 m

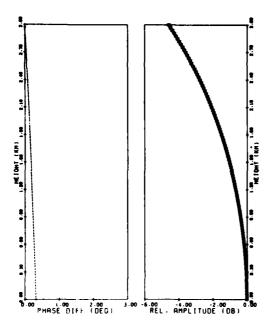


Figure 3. Vertical Electric Field (Sea Water) Freq. = 0.1 MHz, Dist. = 30 km, VED Height = 4495.20

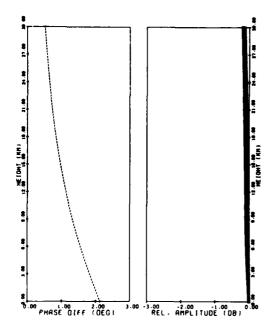


Figure 4. Vertical Electric Field (Sea Water)
Freq. = 0.1 MHz, Dist. = 300 km, VED Height = 0.00m

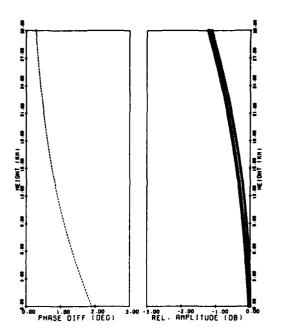


Figure 5. Vertical Electric Field (Sea Water) Freq. = 0.1 MHz, Dist. = 300 km, VED Height = 2247.60 m

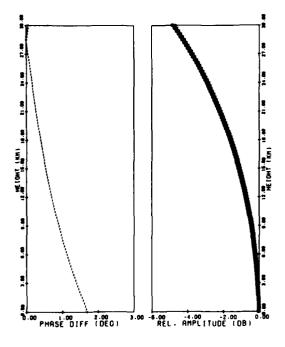


Figure 6. Vertical Electric Field (Sea Water) Freq. = 0.1 MHz, Dist. = 300 km, VED Height = 4495.20 m

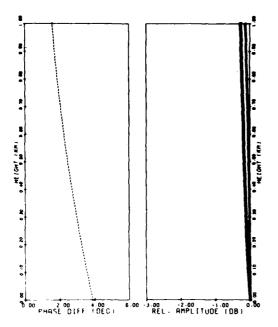


Figure 7. Vertical Electric Field (Sea Water)
Freq. = 1.0 MHz, Dist. = 10 km,
VED Height = 0.00 m

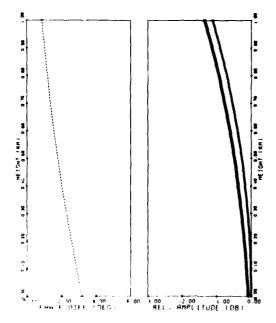


Figure 8. Vertical Electric Field (Sea Water)
Freq. = 1.0 MHz, Dist. = 10 km,
VED Height = 224.76 m

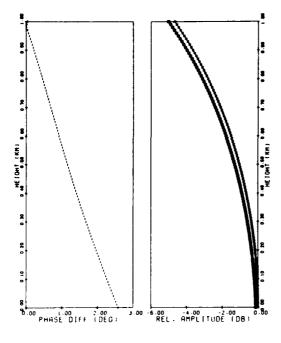


Figure 9. Vertical Electric Field (Sea Water) Freq. = 1.0 MHz, Dist. 100 km, VED Height = 449. 52 m

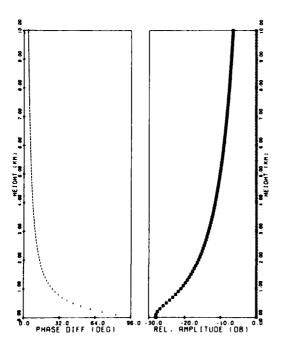


Figure 10. Vertical Electric Field (Sea Water)
Freq. = 1.0 MHz, Dist. = 100 km, VED Height = 0.00 m

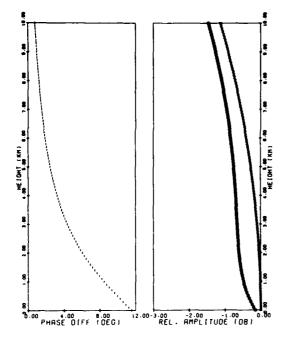


Figure 11. Vertical Electric Field (Sea Water)
Freq. = 1.0 MHz, Dist. = 100 km, VED Height = 224.76 m

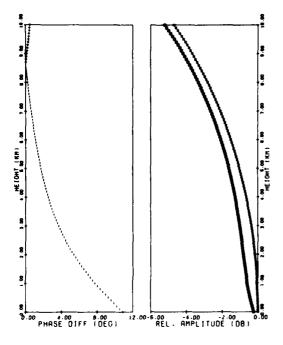


Figure 12. Vertical Electric Field (Sea Water)
Freq. = 1.0 MHz, Dist. = 100 km,
VED Height = 449. 52 m

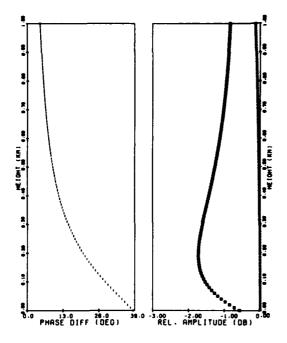


Figure 13. Vertical Electric Field (Sea Water)
Freq. = 10.0 MHz, Dist. = 10 km,
VED Height = 0.00 m

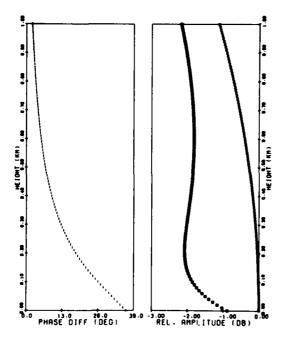


Figure 14. Vertical Electric Field (Sea Water)
Freq. = 10.0 MHz, Dist. = 10 km,
VED Height = 22. 48 m

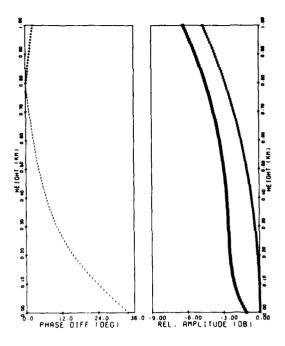


Figure 15. Vertical Electric Field (Sea Water)
Freq. = 10.0 MHz, Dist. = 10 km,
VED Height = 44.95 m

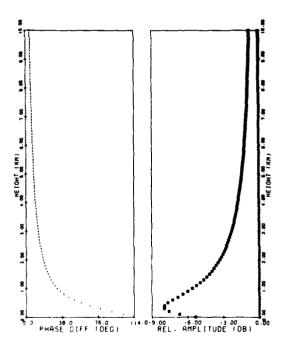


Figure 16. Vertical Electric Field (Sea Water) Freq. = 10.0 MHz, Dist. = 100 km, VED Height = 0.00 m

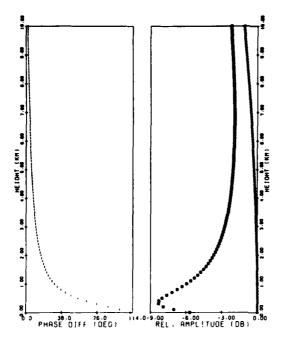


Figure 17. Vertical Electric Field (Sea Water)
Freq. = 10.0 MHz, Dist. = 100 km, VED Height = 22.48 m

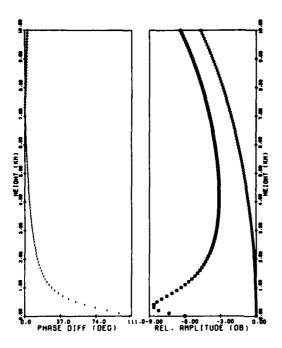


Figure 18. Vertical Electric Field (Sea Water)
Freq. = 10.0 MHz, Dist. = 100 km, VED Height = 44.95 m

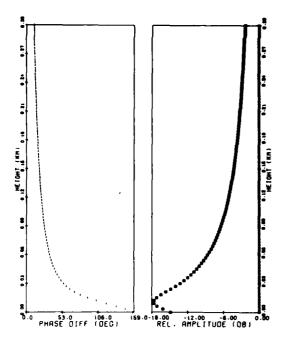


Figure 19. Vertical Electric Field (Sea Water)
Freq. = 100.0 MHz, Dist. = 3 km,
VED Height = 0.00 m

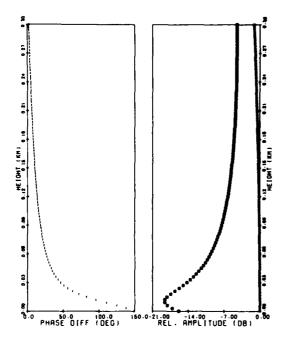


Figure 20. Vertical Electric Field Freq. = 100.0 MHz, Dist. = 3 km, VED Height = 2.25 m

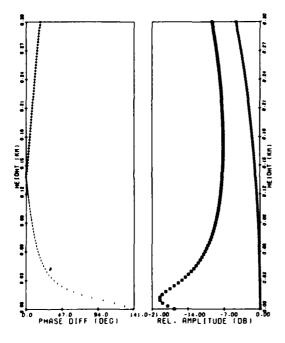


Figure 21. Vertical Electric Field (Sea Water)
Freq. = 100.0 MHz, Dist. = 3 km, VED Height = 4.50 m

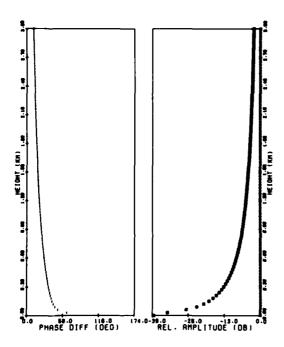


Figure 22. Vertical Electric Field (Sea Water)
Freq. = 100.0 MHz, Dist. = 30 km, VED Height = 0.00 m

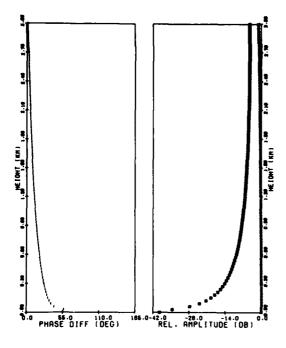


Figure 23. Vertical Electric Field (Sea Water)
Freq. = 100.0 MHz, Dist. = 30 km, VED Height = 2.25 m

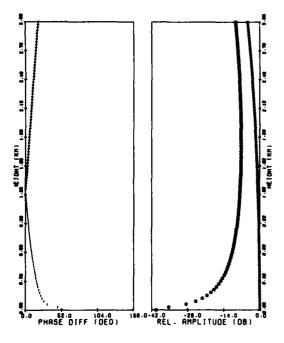


Figure 24. Vertical Electric Field (Sea Water)
Freq. = 100.0 MHz, Dist. = 30 km, VED Height = 4.50 m

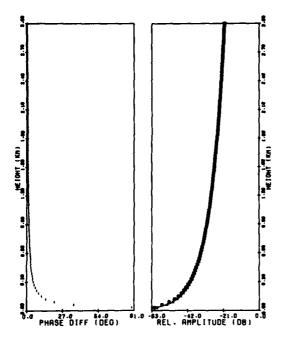


Figure 25. Radial Electric Field (Sea Water)
Freq. = 0.1 MHz, Dist. = 30 km, VED Height = 0.00 m

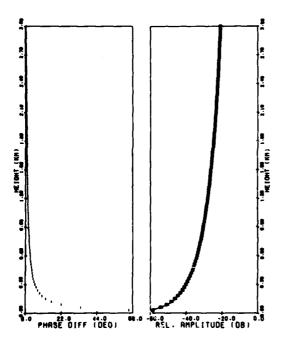


Figure 26. Radial Electric Field (Sea Water)
Freq. = 0.1 MHz, Dist. = 30 km,
VED Height = 2247.60 m

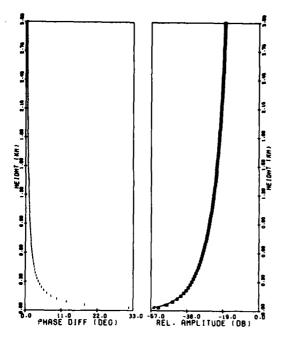


Figure 27. Radial Electric Field (Sea Water)
Freq. = 0.1 MHz, Dist. = 30 km, VED Height = 4495.20 m

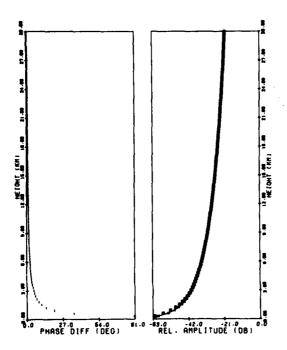


Figure 28. Radial Electric Field (Sea Water)
Freq. = 0.1 MHz, Dist. = 300 km, VED Height = 0.00 m

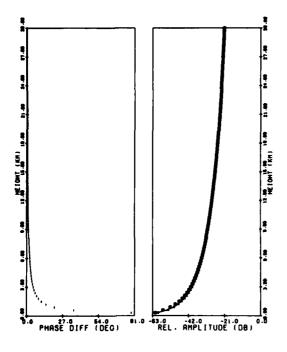


Figure 29. Radial Electric Field (Sea Water) Freq. = 0.1 MHz, Dist. = 300 km, VED Height = 2247.60 m

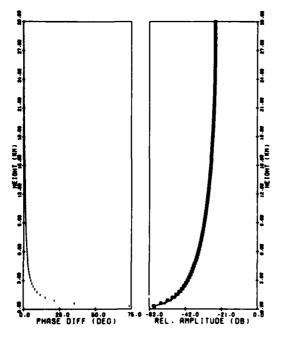


Figure 30. Radial Electric Field (Sea Water) Freq. = 0.1 MHz, Dist. = 300 km, VED Height = 4495.20 m

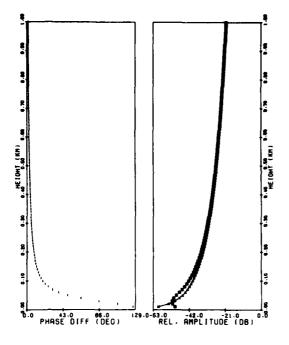


Figure 31. Radial Electric Field (Sea Water)
Freq. = 1.0 MHz, Dist. = 10 km, VED Height = 0.00 m

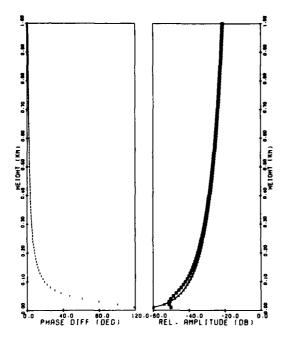


Figure 32. Radial Electric Field (Sea Water)
Freq. = 1.0 MHz, Dist. = 10 km, VED Height = 224.76 m

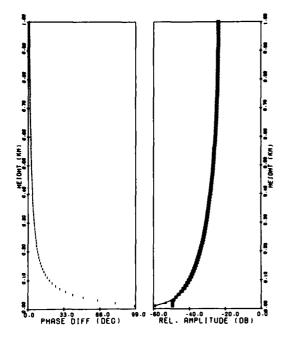


Figure 33. Radial Electric Field (Sea Water)
Freq. = 1.0 MHz, Dist. = 10 km, VED Height = 449.52 m

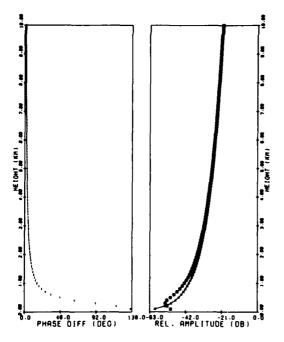


Figure 34. Radial Electric Field (Sea Water) Freq. = 1.0 MHz, Dist. = 100 km, VED Height = 0.00 m

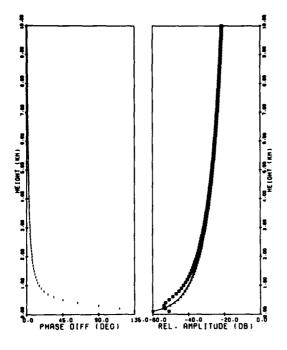


Figure 35. Radial Electric Field (Sea Water)
Freq. = 1.0 MHz, Dist. = 100 km, VED Height = 224.76 m

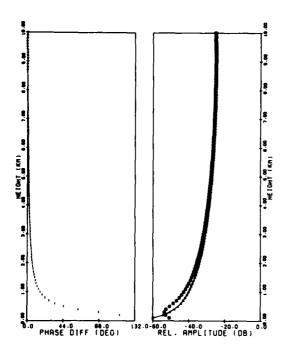


Figure 36. Radial Electric Field (Sea Water)
Freq. = 1.0 MHz, Dist. = 100 km, VED Height = 449.52 m

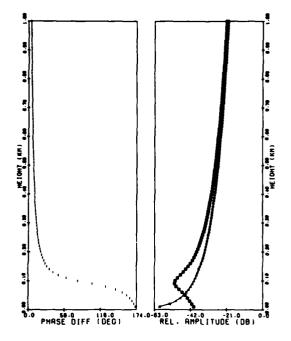


Figure 37. Radial Electric Field (Sea Water) Freq. = 10.0 MHz, Dist. = 10 km, VED Height = 0.00 m

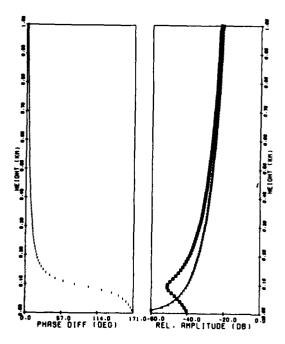


Figure 38. Radial Electric Field (Sea Water)
Freq. = 10.0 MHz, Dist. = 10 km,
VED Height = 22.48 m

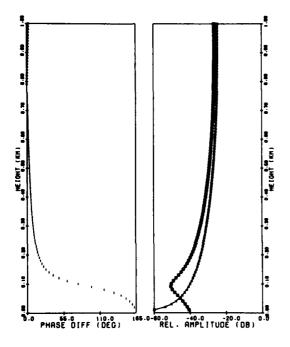


Figure 39. Radial Electric Field (Sea Water)
Freq. = 10.0 MHz, Dist = 10 km, VED Height = 44.95 m

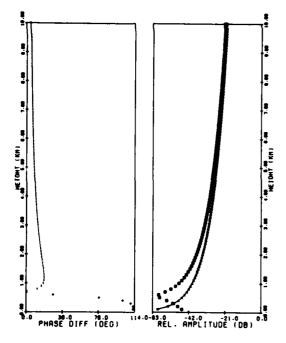


Figure 40. Radial Electric Field (Sea Water) Freq. = 10.0 MHz, Dist. = 100 km, VED Height = 0.00 m

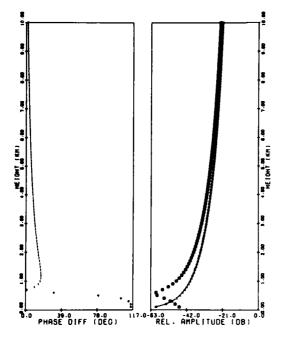


Figure 41. Radial Electric Field (Sea Water)
Freq. = 10.0 MHz, Dist. = 100 km, VED Height = 22.48 m

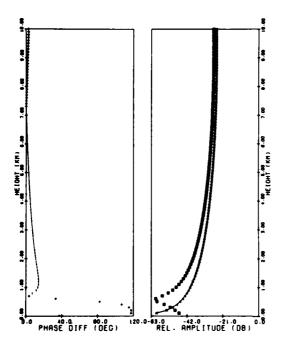


Figure 42. Radial Electric Field (Sea Water) Freq. = 10.0 MHz, Dist. = 100 km, VED Height = 44.95 m

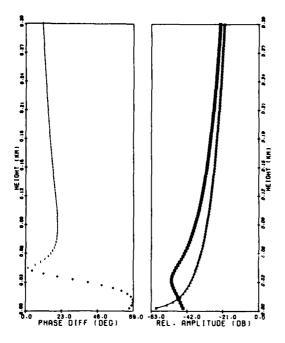


Figure 43. Radial Electric Field (Sea Water) Freq. = 100.0 MHz, Dist. = 3 km, VED Height = 0.00 m

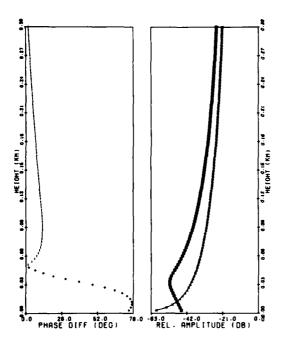


Figure 44. Radial Electric Field (Sea Water) Freq. = 100.0 MHz, Dist. = 3 km, VED Height = 2.25 m

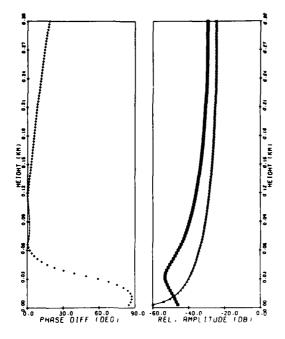


Figure 45. Radial Electric Field (Sea Water) Freq. = 100.0 MHz, Dist. = 3 km, VED Height = 4.50 m

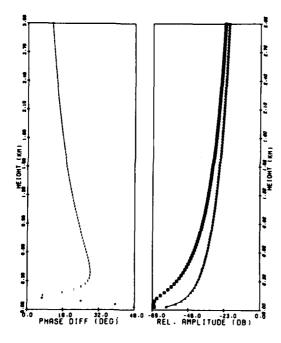


Figure 46. Radial Electric Field (Sea Water)
Freq. = 100.0 MHz, Dist. = 30 km, VED Height = 0.00 m

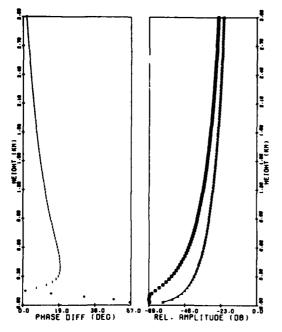


Figure 47. Radial Electric Field (Sea Water)
Freq. = 100.0 MHz, Dist. = 30 km, VED Height = 2.25 m

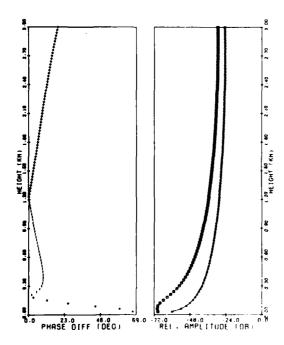


Figure 48. Radial Electric Field (Sea Water) Freq. = 100.0 MHz, Dist. = 30 km, VED Height = 4.50 m

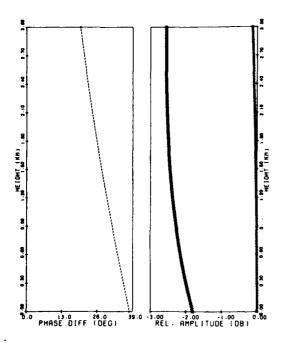


Figure 49. Vertical Electric Field (Fresh Water)
Freq. = 0.1 MHz, Dist. = 30 km, VED Height = 0.00 m

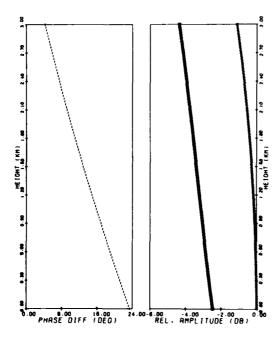


Figure 50. Vertical Electric Field (Fresh Water) Freq. = 0.1 MHz, Dist. = 30 km, VED Height = 2247.60 m

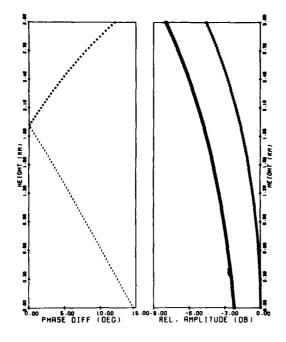


Figure 51. Vertical Electric Field (Fresh Water) Freq. = 0.1 MHz, Dist. = 30 km, VED Height = 4495.20 m

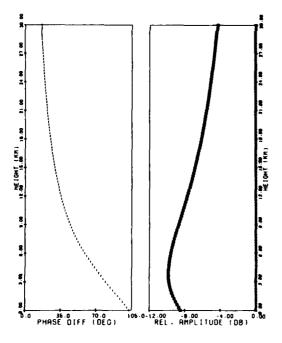


Figure 52. Vertical Electric Field (Fresh Water) Freq. = 0.1 MHz, Dist. = 300 km, VED Height = 0.00 m

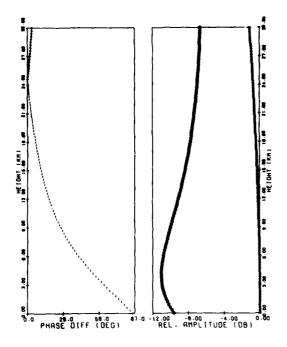


Figure 53. Vertical Electric Field (Fresh Water) Freq. = 0.1 MHz, Dist. = 300 km, VED Height = 2247.60 m

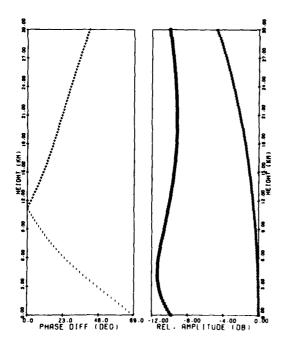


Figure 54. Vertical Electric Field (Fresh Water) Freq. = 0.1 MHz, Dist. = 300 km, VED Height = 4495.20 m

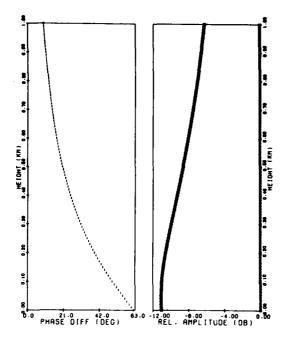


Figure 55. Vertical Electric Field (Fresh Water) Freq. = 1.0 MHz, Dist. = 10 km, VED Height = 0.00 m

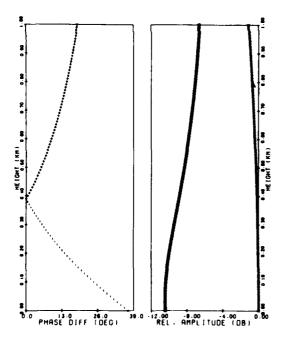


Figure 56. Vertical Electric Field (Fresh Water) Freq. = 1.0 MHz, Dist. = 10 km, VED Height = 224.76 m

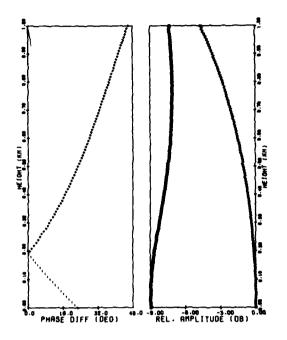


Figure 57. Vertical Electric Field (Fresh Water)
Freq. = 1.0 MHz, Dist. = 10 km, VED Height = 449.52 m

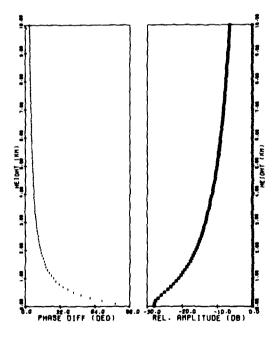


Figure 58. Vertical Electric Field (Fresh Water) Freq. = 1.0 MHz, Dist. = 100 km, VED Height = 0.00 m

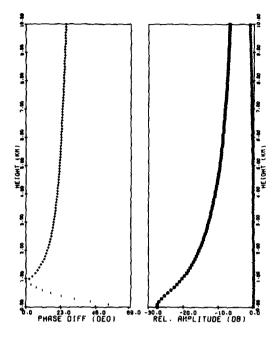


Figure 59. Vertical Electric Field (Fresh Water)
Freq. = 1.0 MHz, Dist. = 100 km,
VED Height = 224.76 m

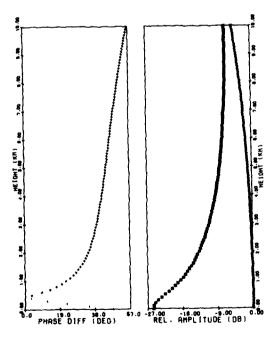


Figure 60. Vertical Electric Field (Fresh Water) Freq. = 1.0 MHz, Dist. = 100 km, VED Height = 449.52 m

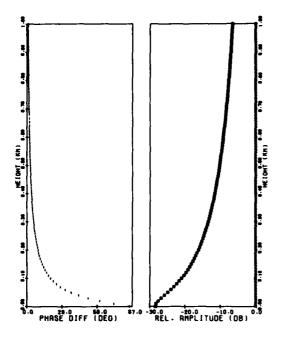


Figure 61. Vertical Electric Field (Fresh Water) Freq. = 10.0 MHz, Dist. = 10 km, VED Height = 0.00 m

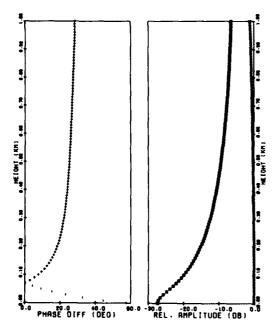


Figure 62. Vertical Electric Field (Fresh Water) Freq. = 10.0 MHz, Dist. = 10 km, VED Height = 22.48 m

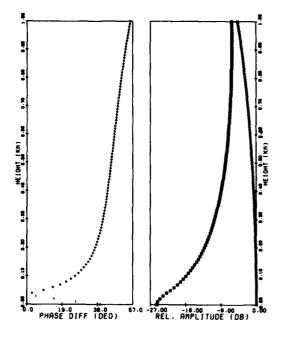


Figure 63. Vertical Electric Field (Fresh Water)
Freq. = 10.0 MHz, Dist. = 10 km,
VED Height = 44.95 m

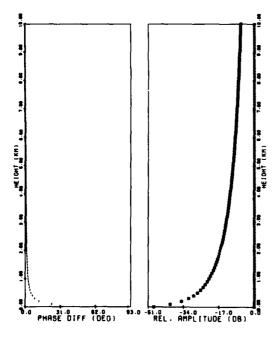


Figure 64. Vertical Electric Field (Fresh Water) Freq. = 10.0 MHz, Dist. = 100 km, VED Height = 0.00 m

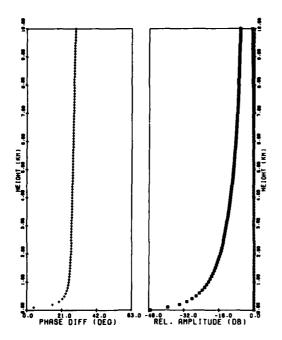


Figure 65. Vertical Electric Field (Fresh Water)
Freq. = 10.0 MHz, Dist. = 100 km,
VED Height = 22.48 m

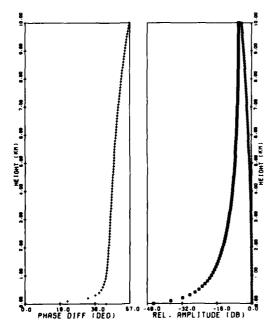


Figure 66. Vertical Electric Field (Fresh Water) Freq. = 10.0 MHz, Dist. = 100 km, VED Height = 44.95 m

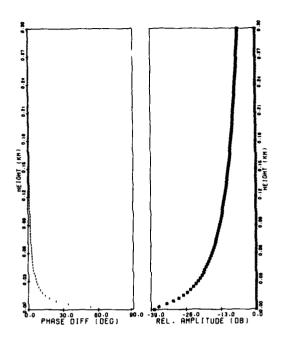


Figure 67. Vertical Electric Field (Fresh Water) Freq. = 100.0 MHz, Dist. = 3 km, VED Height = 0.00 m

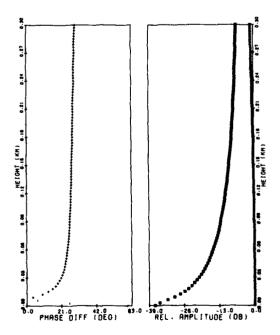


Figure 68. Vertical Electric Field (Fresh Water) Freq. = 100.0 MHz, Dist. = 3 km, VED Height = 2.25 m

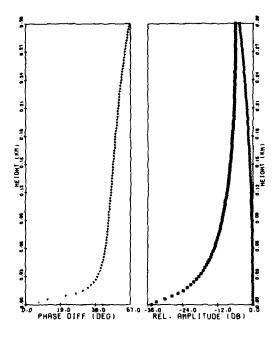


Figure 69. Vertical Electric Field (Fresh Water)
Freq. = 100.0 MHz, Dist. = 3 km, VED Height = 4.50 m

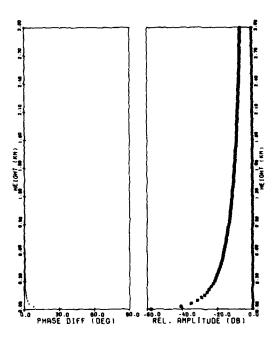


Figure 70. Vertical Electric Field (Fresh Water) Freq. = 100.0 MHz, Dist. = 30 km, VED Height = 0.00 m

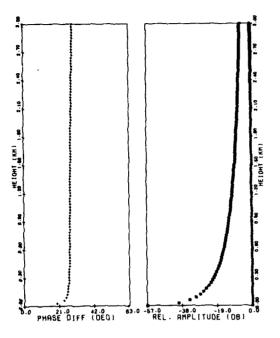


Figure 71. Vertical Electric Field (Fresh Water) Freq. = 100.0 MHz, Dist. = 30 km, VED Height = 2.25 m

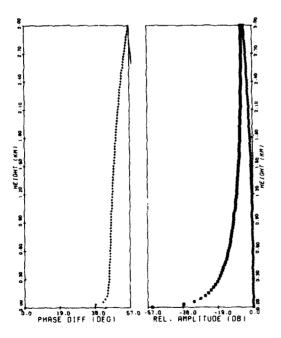


Figure 72. Vertical Electric Field (Fresh Water)
Freq. = 100.0 MHz, Dist. = 30 km, VED Height = 4.50 m

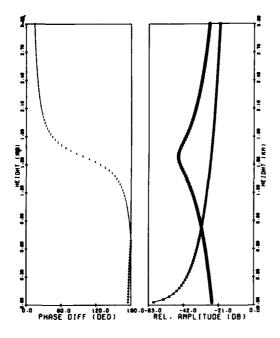


Figure 73. Radial Electric Field (Fresh Water) Freq. = 0.1 MHz, Dist. = 30 km, VED Height = 0.00m

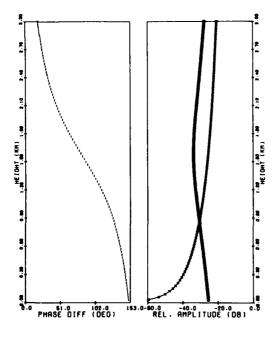


Figure 74. Radial Electric Field (Fresh Water) Freq. = 0.1 MHz, Dist. = 30 km, VED Height = 2247.60 m

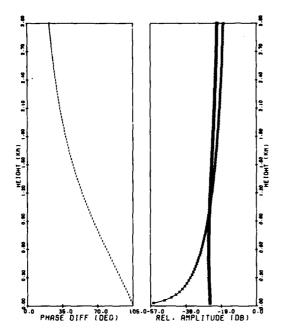


Figure 75. Radial Electric Field (Fresh Water) Freq. = 0.1 MHz, Dist. = 30 km, VED Height = 4495.20 m

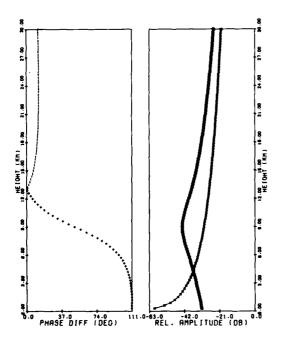


Figure 76. Radial Electric Field (Fresh Water) Freq. = 0.1 MHz, Dist. = 300 km, VED Height = 0.00 m

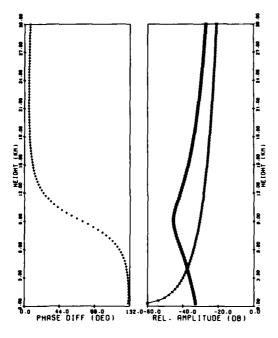


Figure 77. Radial Electric Field (Fresh Water) Freq. = 0.1 MHz, Dist. = 300 km, VED Height = 2247.60 m

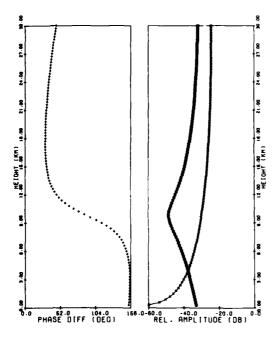


Figure 78. Radial Electric Field (Fresh Water) Freq. = 0.1 MHz, Dist. = 300 km, VED Height = 4495.20 m

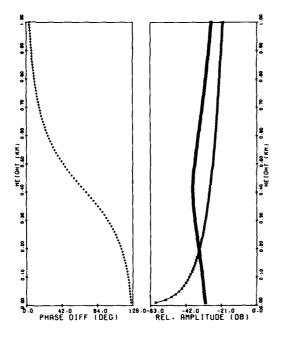


Figure 79. Radial Electric Field (Fresh Water) Freq. = 1.0 MHz, Dist. = 10 km, VED Height = 0.00 m

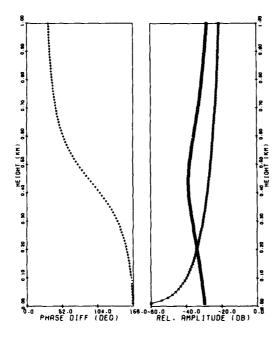


Figure 80. Radial Electric Field (Fresh Water) Freq. = 1.0 MHz, Dist. = 10 km, VED Height = 224.76 m

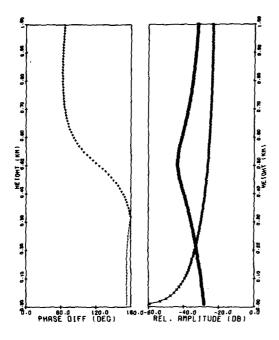


Figure 81. Radial Electric Field (Fresh Water) Freq. = 1.0 'IHz, Dist. = 10 km, VED Height = 449.52 m

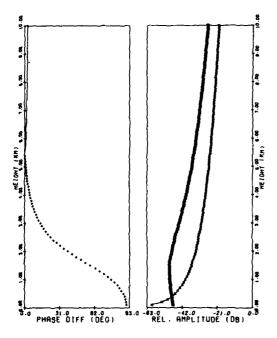


Figure 82. Radial Electric Field (Fresh Water) Freq. = 1.0 MHz, Dist. = 100 km, V ED Height = 0.00 m

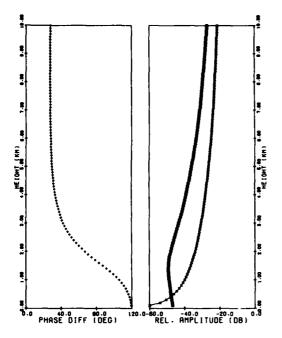


Figure 83. Radial Electric Field (Fresh Water) Freq. = 1.0 MHz, Dist. = 100 km, VED Height = 224.76 m

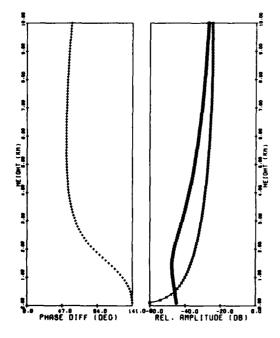


Figure 84. Radial Electric Field (Fresh Water) Freq. = 1.0 MHz, Dist. = 100 km, VED Height = 449.52 m

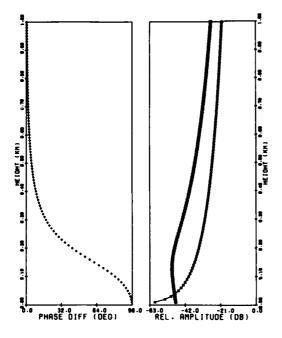


Figure 85. Radial Electric Field (Fresh Water) Freq. = 10.0 MHz, Dist. = 10 km, VED Height = 0.00 m

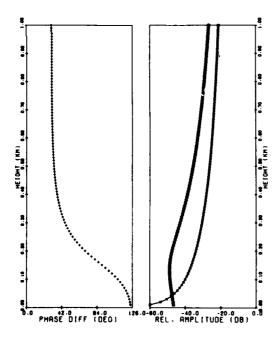


Figure 86. Radial Electric Field (Fresh Water) Freq. = 10.0 MHz, Dist. = 10 km, VED Height = 22.48 m

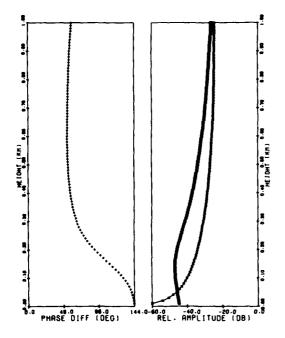


Figure 87. Radial Electric Field (Fresh Water) Freq. = 10.0 MHz, Dist. = 10 km, VED Height = 44.95 m

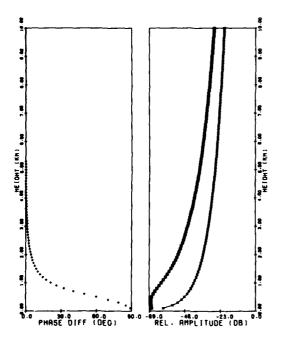


Figure 88. Radial Electric Field (Fresh Water) Freq. = 10.0 MHz, Dist. = 100 km, VED Height = 0.00 m

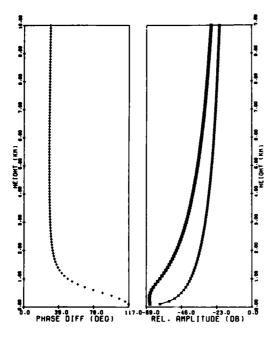


Figure 89. Radial Electric Field (Fresh Water) Freq. = 10.0 MHz, Dist. = 100 km, VED Height = 22.48 m

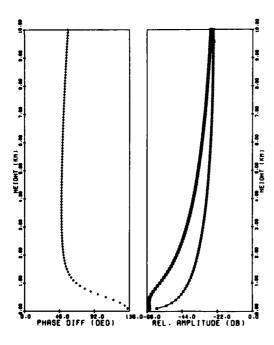


Figure 90. Radial Electric Field (Fresh Water) Freq. = 10.0 MHz, Dist. = 100 km, VED Height = 44.95 m

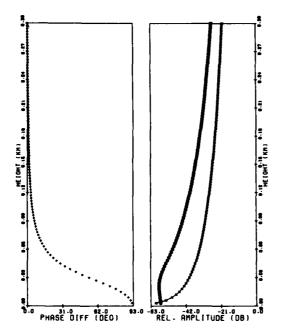


Figure 91. Radial Electric Field (Fresh Water) Freq. = 100.0 MHz, Dist. = 3 km, VED Height = 0.00 m

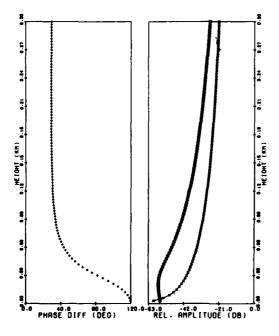


Figure 92. Radial Electric Field (Fresh Water) Freq. = 100.0 MHz, Dist. = 3 km, VED Height = 2.25 m

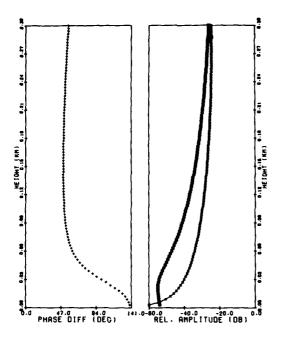


Figure 93. Radial Electric Field (Fresh Water) Freq. = 100.0 MHz, Dist. = 3 km, VED Height = 4.50 m

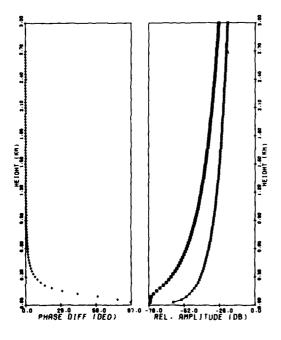


Figure 94. Radial Electric Field (Fresh Water) Freq. = 100.0 MHz, Dist. = 30 km, VED Height = 0.00 m

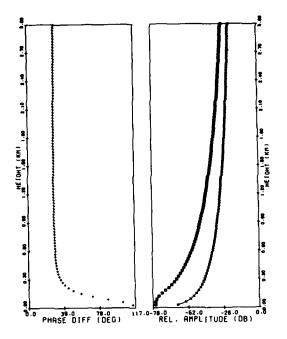


Figure 95. Radial Electric Field (Fresh Water) Freq. = 100.0 MHz, Dist. = 30 km, VED Height = 2.25 m

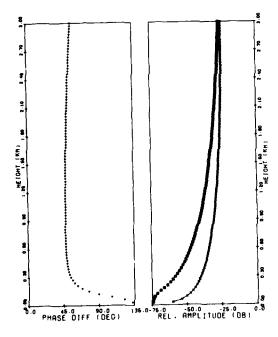


Figure 96. Radial Electric Field (Fresh Water) Freq. = 100.0 MHz, Dist. = 30 km, VED Height = 4.50 m

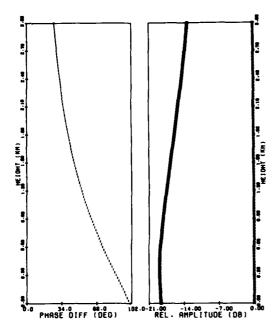


Figure 97. Vertical Electric Field (Ice)
Freq. = 0.1 MHz, Dist. = 30 km,
VED Height = 0.00 m

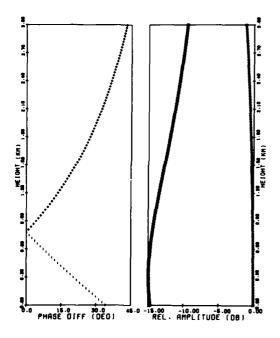


Figure 98. Vertical Electric Field (Ice)
Freq. = 0.1 MHz, Dist. = 30 km,
VED Height = 2247.60 m

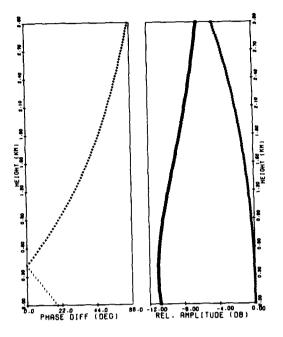


Figure 99. Vertical Electric Field (Ice)
Freq. = 0.1 MHz, Dist. = 30 km,
VED Height = 4495.20 m

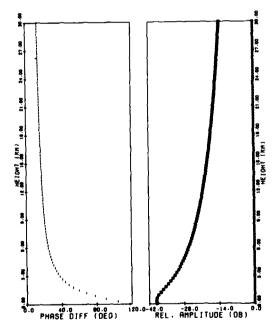


Figure 100. Vertical Electric Field (Ice)
Freq. = 0.1 MHz, Dist. = 300 km,
VED Height = 0.00 m

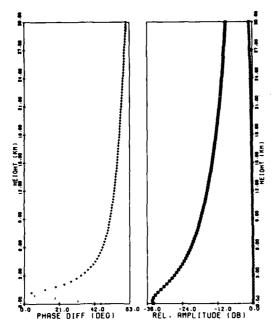


Figure 101. Vertical Electric Field (Ice)
Freq. = 0.1 MHz, Dist. = 300 km,
VED Height = 2247.60 m

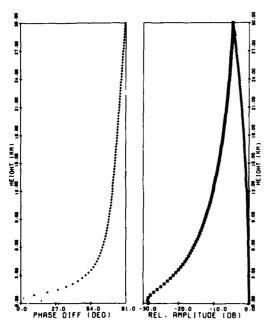


Figure 102. Vertical Electric Field (Ice)
Freq. = 0.1 MHz, Dist. = 300 km,
VED Height = 4495.20 m

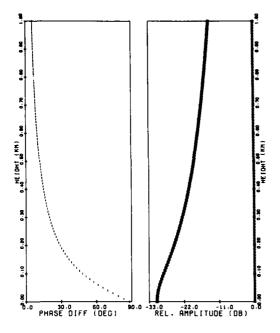


Figure 103. Vertical Electric Field (1ce)
Freq. = 1.0 MHz, Dist. = 10 km,
VED Height = 0.00 m

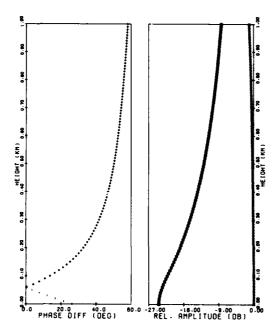


Figure 104. Vertical Electric Field (Ice)
Freq. = 1.0 MHz, Dist. = 10 km,
VED Height = 224.76 m

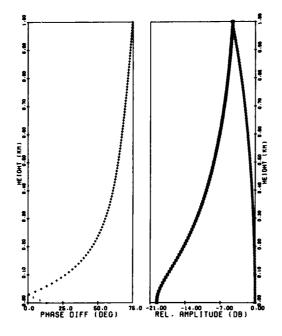


Figure 105. Vertical Electric Field (Ice)
Freq. = 1.0 MHz, Dist. = 10 km,
VED Height = 449.52 m

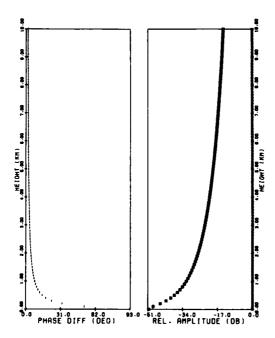


Figure 106. Vertical Electric Field (Ice)
Freq. = 1.0 MHz, Dist. = 100 km,
VED Height = 0.00 m

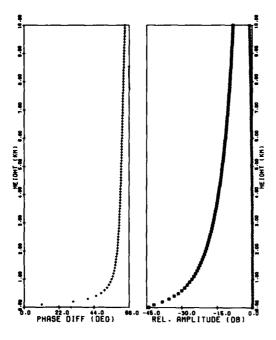


Figure 107. Vertical Electric Field (Ice)
Freq. = 1.0 MHz, Dist. = 100 km,
VED Height = 224.76 m

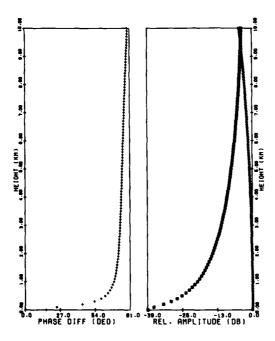


Figure 108. Vertical Electric Field (Ice)
Freq. = 1.0 MHz, Dist. = 100 km,
VED Height = 449.52 m

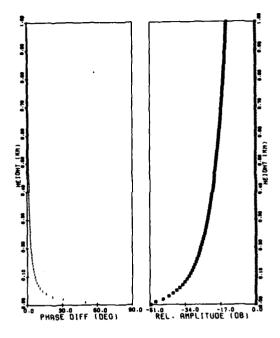


Figure 109. Vertical Electric Field (Ice)
Freq. = 10.0 MHz, Dist. = 10 km,
VED Height = 0.00 m

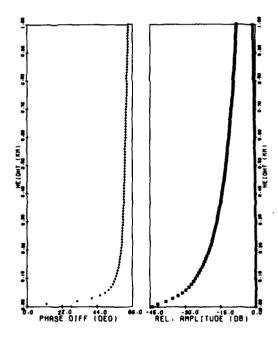


Figure 110. Vertical Electric Field (Ice)
Freq. = 10.0 MHz, Dist. = 10 km,
VED Height = 22.48 m

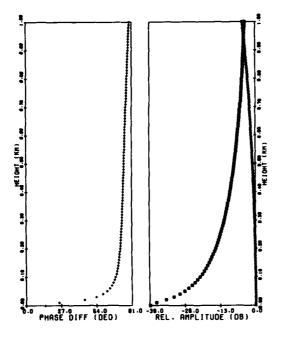


Figure 111. Vertical Electric Field (Ice)
Freq. = 10.0 MHz, Dist. = 10 km,
VED Height = 44.95 m

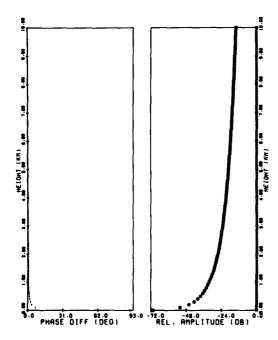


Figure 112. Vertical Electric Field (Ice)
Freq. = 10.0 MHz, Dist. = 100 km,
VED Height = 0.00 m

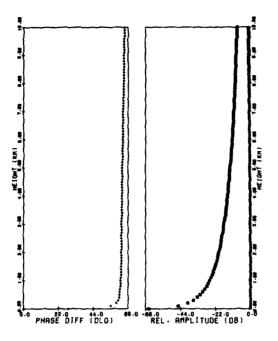


Figure 113. Vertical Electric Field (Ice)
Freq. = 10.0 MHz, Dist. = 100 km,
VED Height = 22.48 m

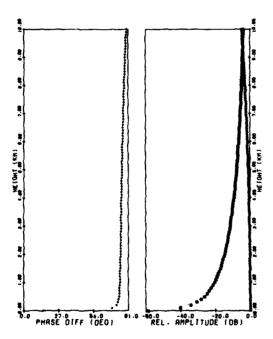


Figure 114. Vertical Electric Field (Ice)
Freq. = 10.0 MHz, Dist. = 100 km,
VED Height = 44.95 m

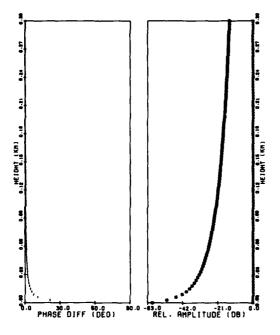


Figure 115. Vertical Electric Field (Ice)
Freq. = 100.0 MHz, Dist. = 3 km,
VED Height = 0.00 m

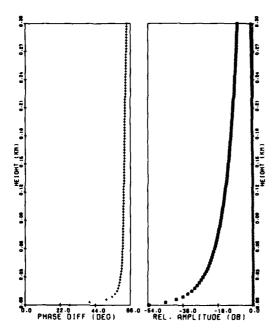


Figure 116. Vertical Electric Field (Ice) Freq. = 100.0 MHz, Dist. = 3 km, VED Height = 2.25 m

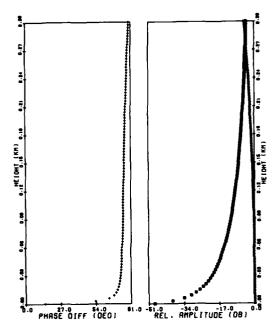


Figure 117. Vertical Electric Field (Ice)
Freq. = 100.0 MHz, Dist. = 3 km,
VED Height = 4.50 m

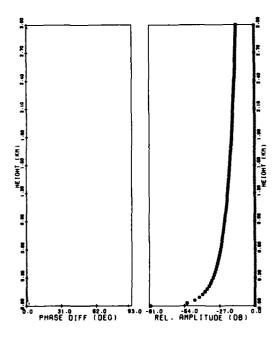


Figure 118. Vertical Electric Field (Ice)
Freq. = 100.0 MHz, Dist. = 30 km,
VED Height = 0.00 m

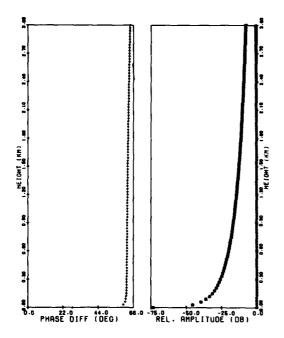


Figure 119. Vertical Electric Field (Ice)
Freq. = 100.0 MHz, Dist. = 30 km,
VED Height = 2.25 m

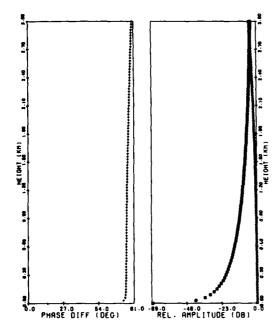


Figure 120. Vertical Electric Field (Ice)
Freq. = 100.0 MHz, Dist. = 30 km,
VED Height = 4.50 m

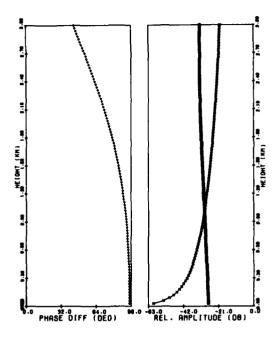


Figure 121. Radial Electric Field (Ice)
Freq. = 0.1 MHz, Dist. = 30 km,
VED Height = 0.00 m

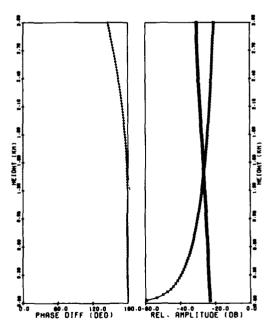


Figure 122. Radial Electric Field (Ice)
Freq. = 0.1 MHz, Dist. = 30 km,
VED Height = 2247.60 m

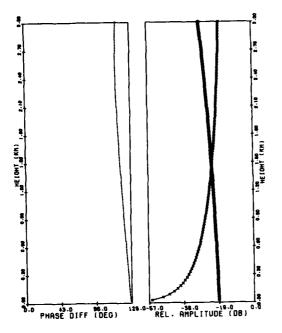


Figure 123. Radial Electric Field (Ice) Freq. = 0.1 MHz, Dist. = 30 km, VED Height = 4495.20 m

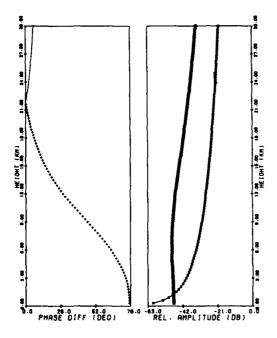


Figure 124. Radial Electric Field (Ice)
Freq. = 0.1 MHz, Dist. = 300 km, VED Height = 0.00 m

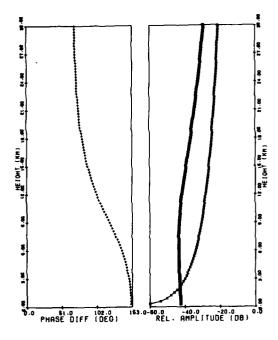


Figure 125. Radial Electric Field (Ice)
Freq. = 0.1 MHz, Dist. = 300 km,
VED Height = 2247.60 m

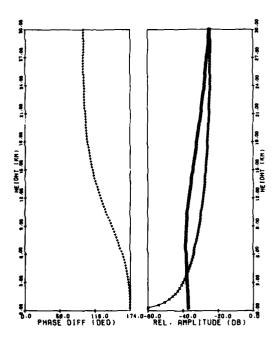


Figure 126. Radial Electric Field (Ice) Freq. = 0.1 MHz, Dist. = 300 km, VED Height = 4495.20 m

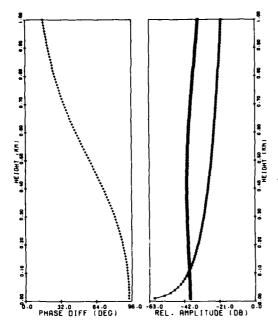


Figure 127. Radial Electric Field (Ice)
Freq. = 1.0 MHz, Dist. = 10 km,
VED Height = 0.00 m

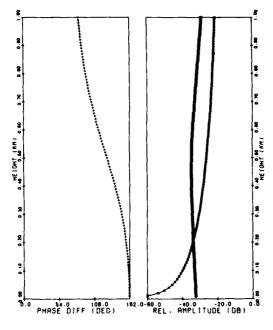


Figure 128. Radial Electric Field (Ice) Freq. = 1.0 MHz, Dist. = 10 km, VED Height = 224.76 m

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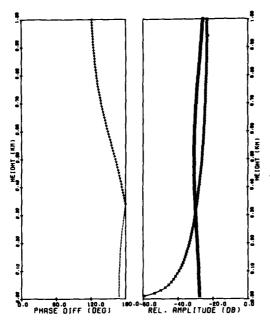


Figure 129. Radial Electric Field (Ice)
Freq. = 1.0 MHz, Dist. = 10 km,
VED Height = 449.52 m

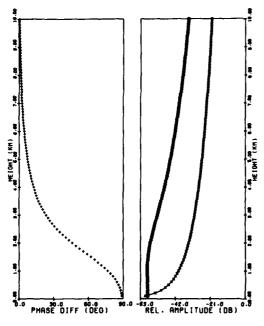


Figure 130. Radial Electric Field (Ice)
Freq. = 1.0 MHz, Dist. = 100 km, VED Height = 0.00 m

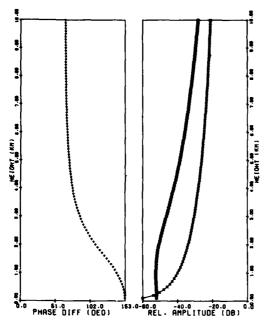


Figure 131. Radial Electric Field (Ice) Freq. = 1.0 MHz, Dist. = 100 km, VED Height = 224.76 m

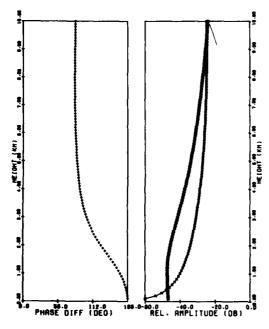


Figure 132. Radial Electric Field (Ice)
Freq. = 1.0 MHz, Dist. = 100 km,
VED Height = 449.52 m

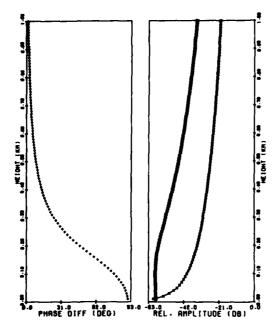


Figure 133. Radial Electric Field (Ice)
Freq. = 10.0 MHz, Dist. = 10 km, VED Height = 0.00 m

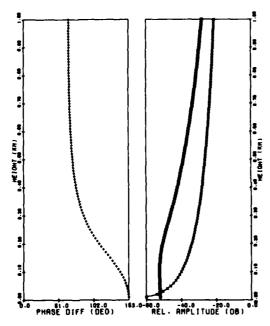


Figure 134. Radial Electric Field (Ice)
Freq. = 10.0 MHz, Dist. = 10 km,
VED Height = 22.48 m

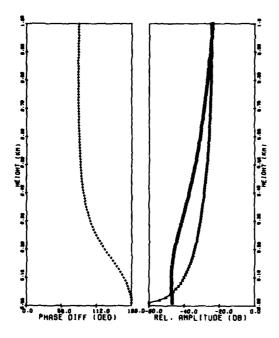


Figure 135. Radial Electric Field (Ice)
Freq. = 10.0 MHz, Dist. = 10 km,
VED Height = 44.95 m

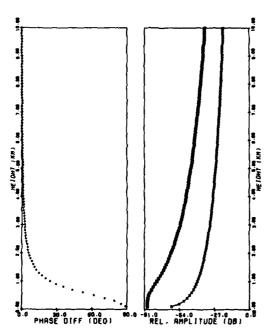


Figure 136. Radial Electric Field (Ice)
Freq. = 10.0 MHz, Dist. = 100 km, VED Height = 0.00 m

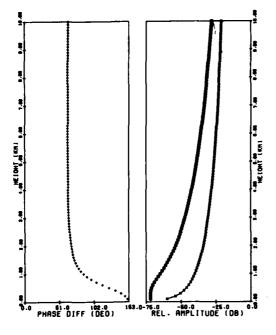


Figure 137. Radial Electric Field (Ice)
Freq. = 10.0 MHz, Dist. = 100 km,
VED Height = 22.48 m

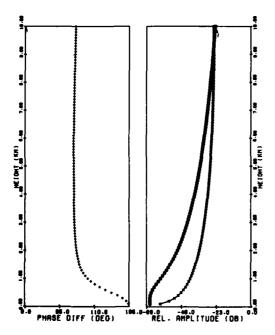


Figure 138. Radial Electric Field (Ice)
Freq. = 10.0 MHz, Dist. = 100 km, VED Height = 44.95 m

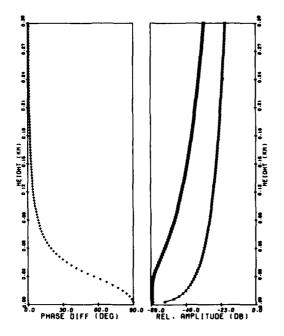


Figure 139. Radial Electric Field (Ice)
Freq. = 100.0 MHz, Dist. = 3 km,
VED Height = 0.00 m

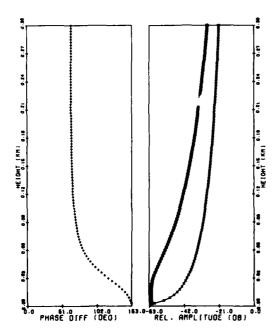


Figure 140. Radial Electric Field (Ice)
Freq. = 100.0 MHz, Dist. = 3 km,
VED Height = 2.25 m

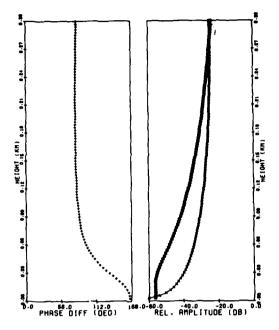


Figure 141. Radial Electric Field (Ice)
Freq. = 100.0 MHz, Dist. = 3 km, VED Height = 4.50 m

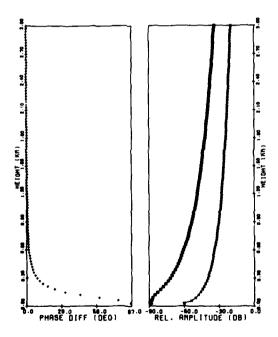


Figure 142. Radial Electric Field (Ice)
Freq. = 100.0 MHz, Dist. = 30 km,
VED Height = 0.00 m

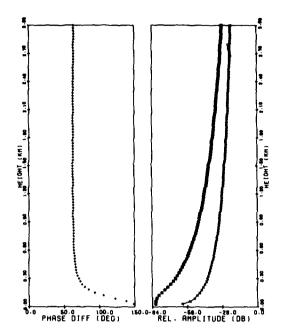


Figure 143. Radial Electric Field (Ice)
Freq. = 100.0 MHz, Dist. = 30 km, VED Height = 2.25 m

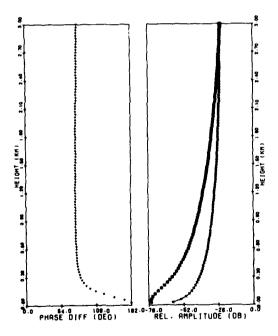


Figure 144. Radial Electric Field (Ice)
Freq. = 100.0 MHz, Dist. = 30 km, VED Height = 4.50 m

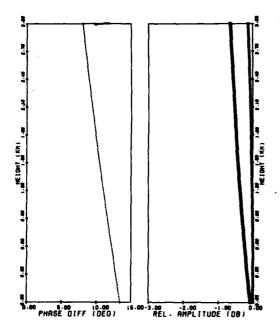


Figure 145. Vertical Electric Field (Well-Conducting Soil)
Freq. = 0.1 MHz, Dist. = 30 km,
VED Height = 0.00 m

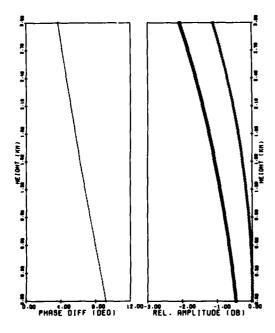


Figure 146. Vertical Electric Field (Well-Conducting Soil) Freq. = 0.1 MHz, Dist. = 30 km, VED Height = 2247.60 m

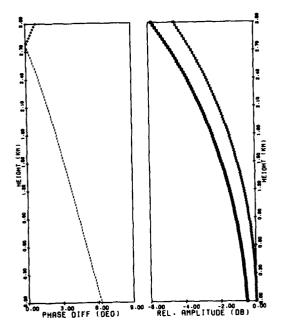


Figure 147. Vertical Electric Field (Well-Conducting Soil) Freq. = 0.1 MHz, Dist. = 30 km, VED Height = 4495.20 m

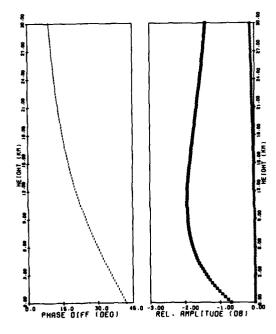


Figure 148. Vertical Electric Field (Well-Conducting Soil) Freq. = 0.1 MHz, Dist. = 300 km, VED Height = 0.00 m

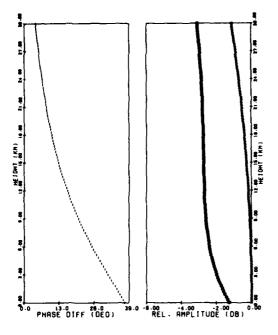


Figure 149. Vertical Electric Field (Well-Conducting Soil)
Freq. = 0.1 MHz, Dist. = 300 km,
VED Height = 2247.60 m

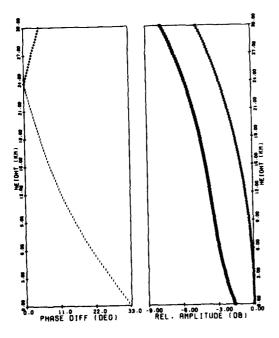


Figure 150. Vertical Electric Field (Well-Conducting Soil) Freq. = 0.1 MHz, Dist. = 300 km, VED Height = 4495.20 m

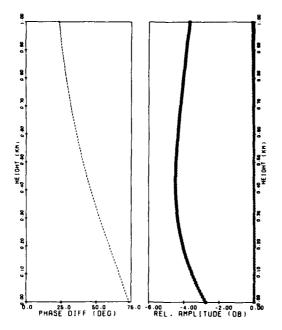


Figure 151. Vertical Electric Field (Well-Conducting Soil)
Freq. = 1.0 MHz, Dist. = 10 km,
VED Height = 0.00 m

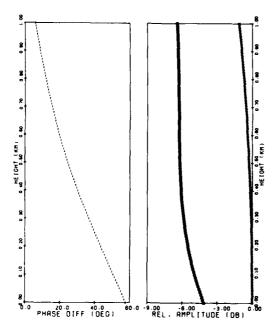


Figure 152. Vertical Electric Field (Well-Conducting Soil)
Freq. = 1.0 MHz, Dist. = 10 km,
VED Height = 224.76 m

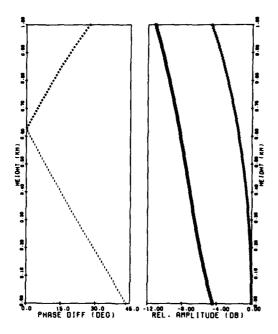


Figure 153. Vertical Electric Field (Well-Conducting Soil)
Freq. = 1.0 MHz, Dist. = 10 km,
VED Height = 449.52 m

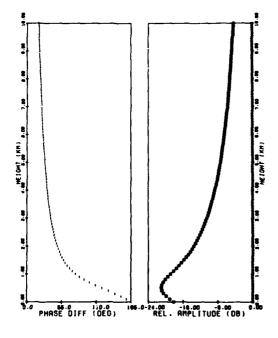


Figure 154. Vertical Electric Field (Well-Conducting Soil)
Freq. = 1.0 MHz, Dist. = 100 km,
VED Height = 0.00 m

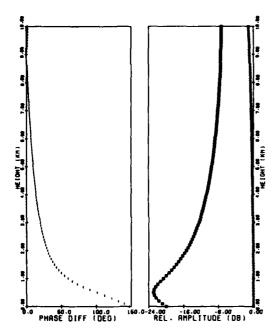


Figure 155. Vertical Electric Field (Well- Conducting Soil)
Freq. = 1.0 MHz, Dist. = 100 km,
VED Height = 224.76 m

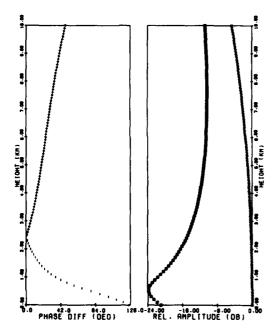


Figure 156. Vertical Electric Field (Well-Conducting Soil)
Freq. = 1.0 MHz, Dist. = 100 km,
VED Height = 449.52 m

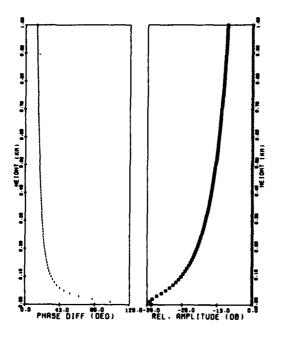


Figure 157. Vertical Electric Field (Well-Conducting Soil)
Freq. = 10.0 MHz, Dist. = 10km,
VED Height = 0.00 m

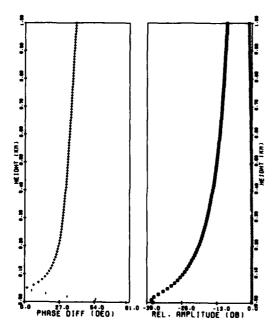


Figure 158. Vertical Electric Field (Well-Conducting Soil)
Freq. = 10.0 MHz, Dist. = 10 km,
VED Height = 22.48 m

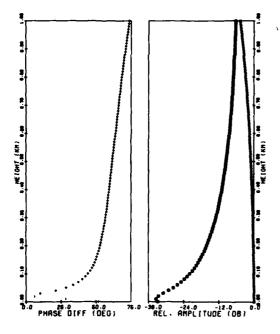


Figure 159. Vertical Electric Field (Well-Conducting Soil)
Freq. = 10.0 MHz, Dist. = 10 km,
VED Height = 44.95 m

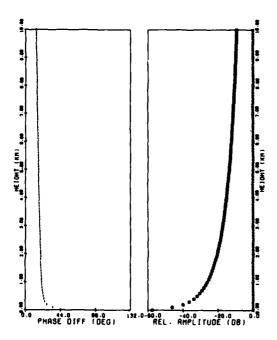


Figure 160. Vertical Electric Field (Well-Conducting Soil)
Freq. = 10.0 MHz, Dist. = 100 km,
VED Height = 0.00 m

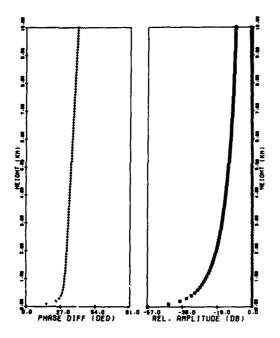


Figure 161. Vertical Electric Field (Well-Conducting Soil)
Freq. = 10.0 MHz, Dist. = 100 km,
VED Height = 22.48 m

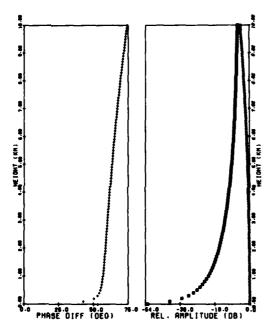


Figure 162. Vertical Electric Field (Well-Conducting Soil) Freq. = 10.0 MHz, Dist. = 100 km, VED Height = 44.95 m

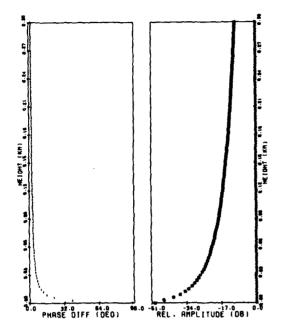


Figure 163. Vertical Electric Field (Well-Conducting Soil) Freq. = 100.0 MHz, Dist. = 3 km, VED Height = 0.00 m

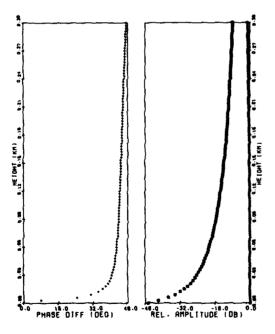


Figure 164. Vertical Electric Field (Well-Conducting Soil)
Freq. = 100.0 MHz, Dist. = 3 km,
VED Height = 2.25 m

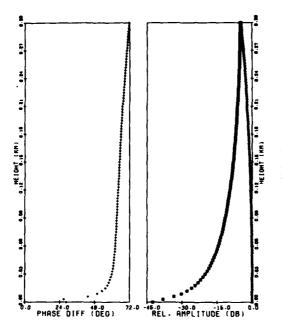


Figure 165. Vertical Electric Field (Well-Conducting Soil)
Freq. = 100.0 MHz, Dist. = 3 km,
VED Height = 4.50 m

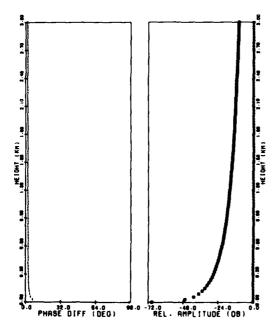


Figure 166. Vertical Electric Field (Well-Conducting Soil)
Freq. = 100.0 MHz, Dist. = 30 km,
VED Height = 0.00 m

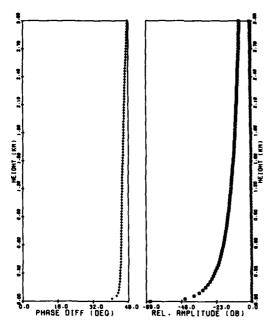


Figure 167. Vertical Electric Field (Well-Conducting Soil)
Freq. = 100.0 MHz, Dist. = 30 km,
VED Height = 2.25 m

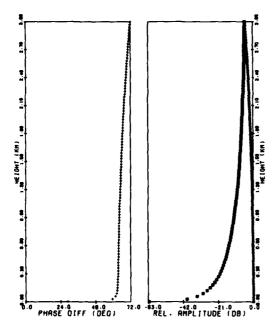


Figure 168. Vertical Electric Field (Well-Conducting Soil)
Freq. = 100.0 MHz, Dist. = 30 km,
VED Height = 4.50 m

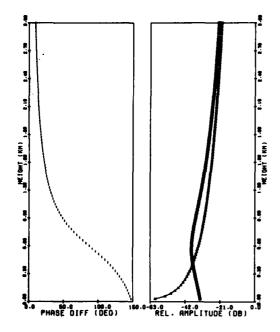


Figure 169. Radial Electric Field (Well-Conducting Soil)
Freq. = 0.1 MHz, Dist. = 30 km,
VED Height = 0.00 m

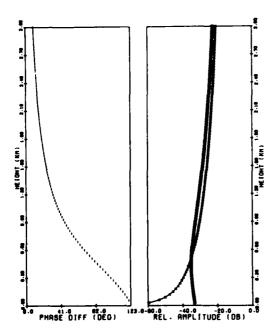


Figure 170. Radial Electric Field (Well-Conducting Soil)
Freq. = 0.1 MHz, Dist. = 30 km,
VED Height = 2247.60 m

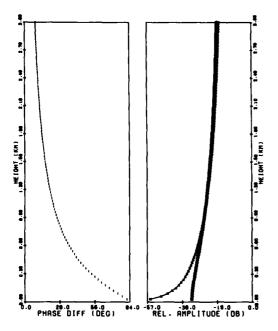


Figure 171. Radial Electric Field (Well-Conducting Soil)
Freq. = 0.1 MHz, Dist. = 30 km,
VED Height = 4495.20 m

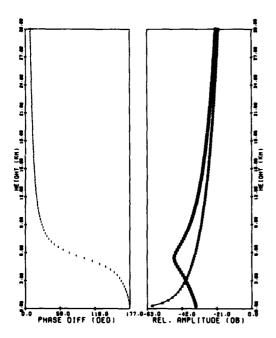


Figure 172. Radial Electric Field (Well-Conducting Soil)
Freq. = 0.1 MHz, Dist. = 300 km, VED Height = 0.00 m

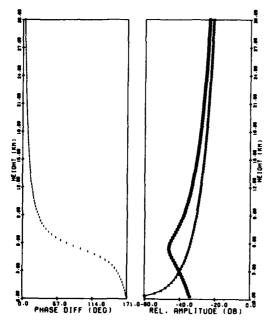


Figure 173. Radial Electric Field (Well-Conducting Soil)
Freq. = 0.1 MHz, Dist. = 300 km,
VED Height = 2247.60 m

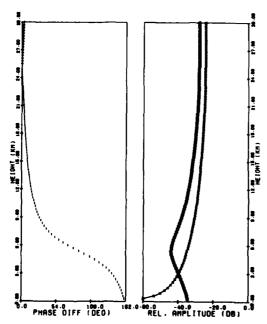


Figure 174. Radial Electric Field (Well-Conducting Soil)
Freq. = 0.1 MHz, Dist. = 300 km, VED Height = 4495.20 m

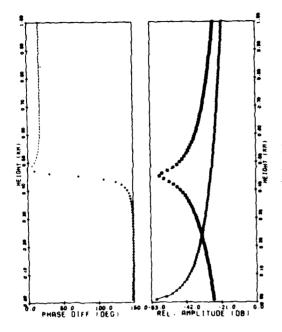


Figure 175. Radial Electric Field (Well- Conducting Soil)
Freq. = 1.0 MHz, Dist. = 10 km,
VED Height = 0.00 m

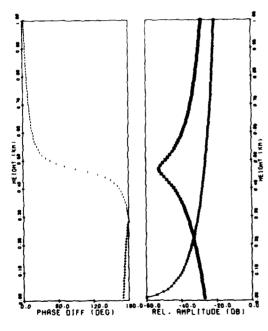


Figure 176. Radial Electric Field (Well-Conducting Soil)
Freq. = 1.0 MHz, Dist. = 10 km,
VED Height = 224.76 m

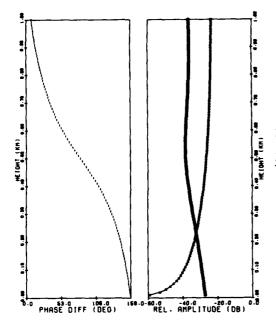


Figure 177. Radial Electric Field (Well-Conducting Soil)
Freq. = 1.0 MHz, Dist. = 10 km,
VED Height = 449.52 m

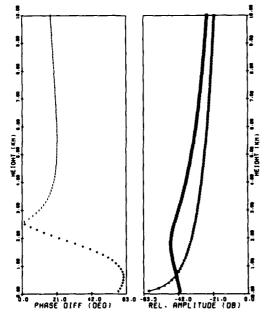


Figure 178. Radial Electric Field (Well-Conducting Soil)
Freq. = 1.0 MHz, Dist. = 100 km, VED Height = 0.00 m

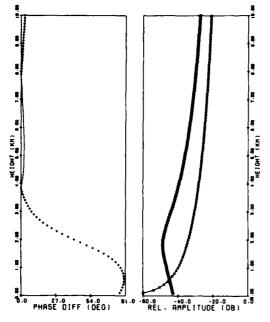


Figure 179. Radial Electric Field (Well-Conducting Soil)
Freq. = 1.0 MHz, Dist, = 100 km, VED Height = 224.76 m

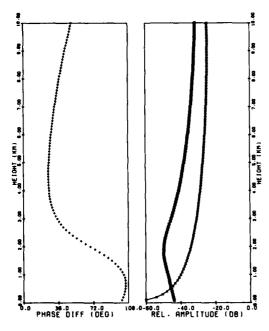


Figure 180. Radial Electric Field (Well-Conducting Soil) Freq. = 1.0 MHz, Dist. = 100 km, VED Height = 449.52 m

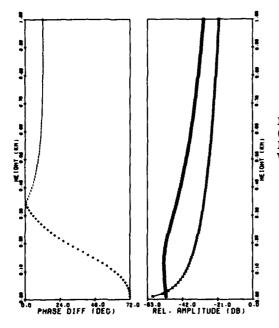


Figure 181. Radial Electric Field (Well-Conducting Soil)
Freq. = 10.0 MHz, Dist. = 10 km, VED Height = 0.00 m

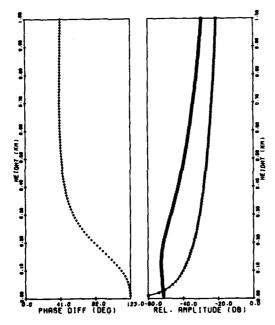


Figure 182. Radial Electric Field (Well-Conducting Soil)
Freq. = 10.0 MHz, Dist. = 10 km, VED Height = 22.48 m

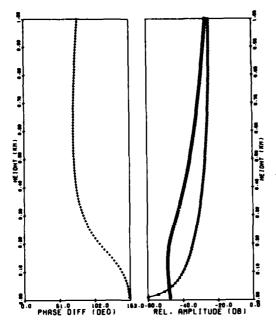


Figure 183. Radial Electric Field (Well-Conducting Soil)
Freq. = 10.0 MHz, Dist. = 10 km,
VED Height = 44.95 m

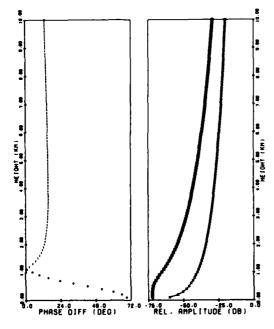


Figure 184. Radial Electric Field (Well-Conducting Soil)
Freq. = 10.0 MHz, Dist. = 100 km,
VED Height = 0.00 m

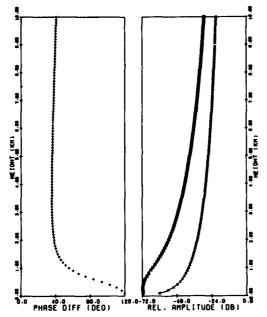


Figure 185. Radial Electric Field (Well-Conducting Soil) Freq. = 10.0 MHz, Dist. = 100 km, VED Height = 22.48 m

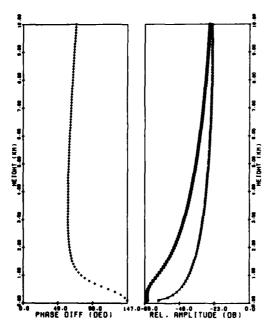


Figure 186. Radial Electric Field (Well-Conducting Soil) Freq. = 10.0 MHz, Dist. = 100 km, VED Height = 44.95 m

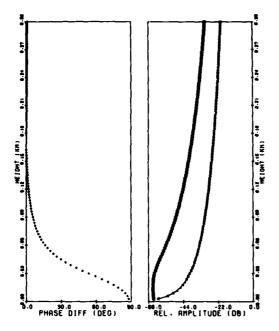


Figure 187. Radial Electric Field (Well-Conducting Soil)
Freq. = 100.0 MHz, Dist. = 3 km,
VED Height = 0.00 m

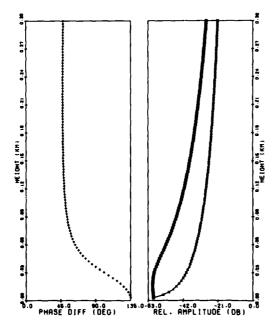


Figure 188. Radial Electric Field (Well-Conducting Soil)
Freq. = 100.0 MHz, Dist. = 3 km,
VED Height = 2.25 m

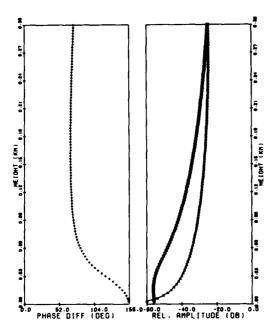


Figure 189. Radial Electric Field (Well-Conducting Soil) Freq. = 100.0 MHz, Dist. = 3 km, VED Height = 4.50 m

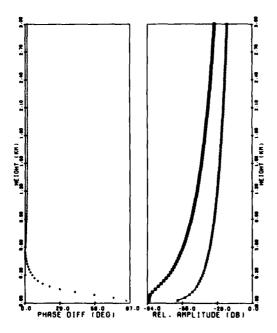


Figure 190. Radial Electric Field (Well-Conducting Soil)
Freq. = 100.0 MHz, Dist. = 30 km, VED Height = 0.00 m

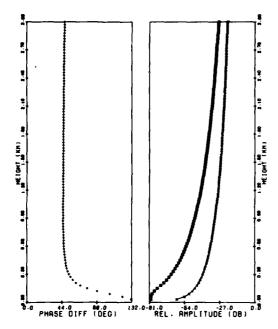


Figure 191. Radial Electric Field (Well-Conducting Soil) Freq. = 100.0 MHz, Dist. = 30 km, VED Height = 2.25 m

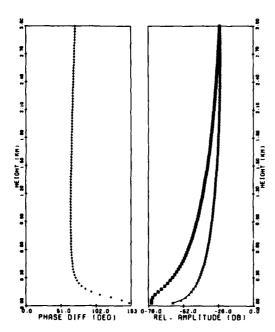


Figure 192. Radial Electric Field (Well-Conducting Soil)
Freq. = 100.0 MHz, Dist. = 30 km, VED Height = 4.50 m

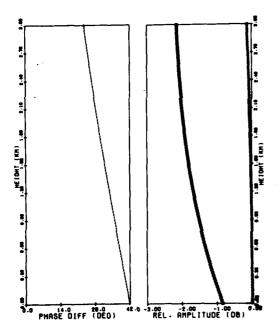


Figure 193. Vertical Electric Field (Poorly Conducting Soil)
Freq. = 0.1 MHz, Dist. = 30 km,
VED Height = 0.00 m

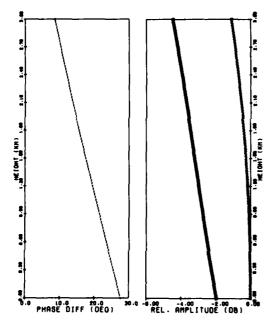


Figure 194. Vertical Electric Field (Poorly Conducting Soil)
Freq. = 0.1 MHz, Dist. = 30 km,
VED Height = 2247. 60 m

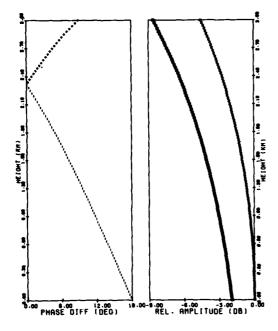


Figure 195. Vertical Electric Field (Poorly Conducting Soil)
Freq. = 0.1 MHz, Dist. = 30 km,
VED Height = 4495.20 m

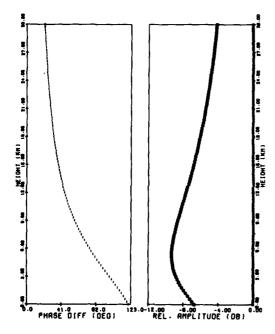


Figure 196. Vertical Electric Field (Poorly Conducting Soil)
Freq. = 0.1 MHz, Dist. = 300 km,
VED Height = 0.00 m

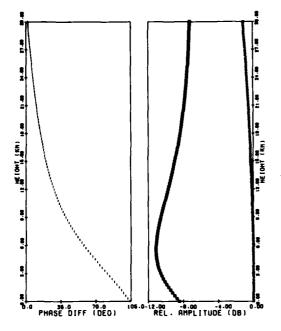


Figure 197. Vertical Electric Field (Poorly Conducting Soil)
Freq. = 0.1 MHz, Dist. = 300 km,
VED Height = 2247.60 m

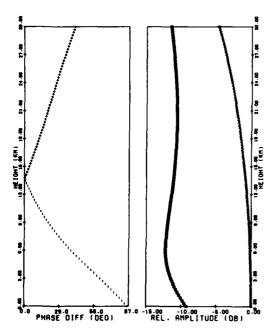


Figure 198. Vertical Electric Field (Poorly Conducting Soil)
Freq. = 0.1 MHz, Dist. = 300 km,
VED Height = 4495.20 m

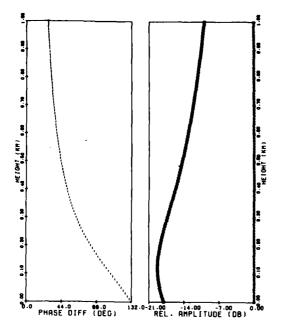


Figure 199. Vertical Electric Field (Poorly Conducting Soil)
Freq. = 1.0 MHz, Dist. = 10 km,
VED Height = 0.00 m

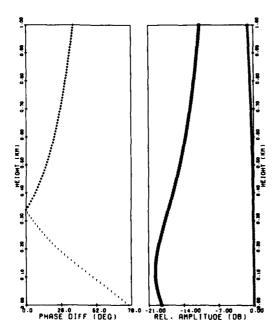


Figure 200. Vertical Electric Field (Poorly Conducting Soil)
Freq. = 1.0 MHz, Dist. = 10 km,
VED Height = 224.76 m

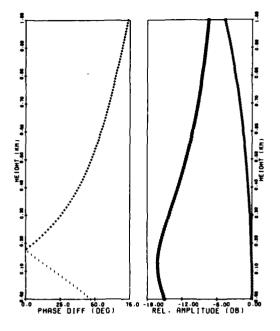


Figure 201. Vertical Electric Field (Poorly Conducting Soil) Freq. = 1.0 MHz, Dist. = 10 km, VED Height = 449.52 m

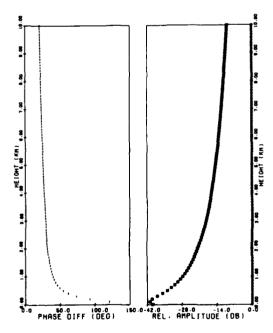


Figure 202. Vertical Electric Field (Poorly Conducting Soil)
Freq. = 1.0 MHz, Dist. = 100 km,
VED Height = 0.00 m

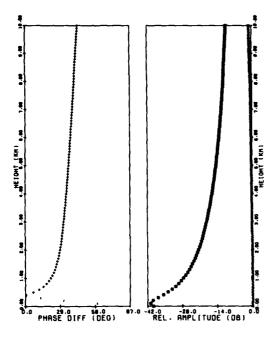


Figure 203. Vertical Electric Field (Poorly Conducting Soil)
Freq. = 1.0 MHz, Dist. = 100 km,
VED Height = 224.76 m

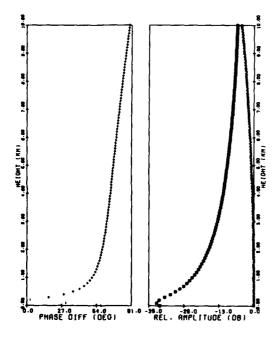


Figure 204. Vertical Electric Field (Poorly Conducting Soil)
Freq. = 1.0 MHz, Dist. = 100 km,
VED Height = 449.52 m

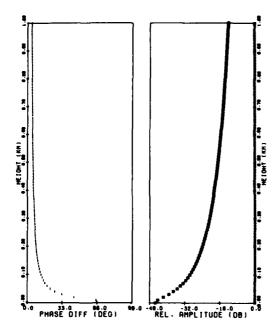


Figure 205. Vertical Electric Field (Poorly Conducting Soil)
Freq. = 10.0 MHz, Dist. 10 km,
VED Height = 0.00 m

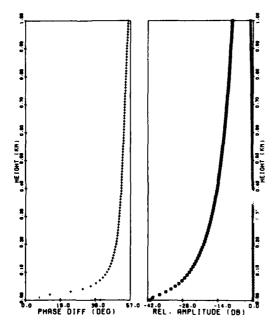


Figure 206. Vertical Electric Field (Poorly Conducting Soil)
Freq. = 10.0 MHz, Dist. = 10 km,
VED Height = 22.48 m

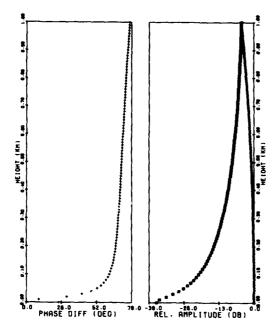


Figure 207. Vertical Electric Field (Poorly Conducting Soil)
Freq. = 10.0 MHz, Dist. = 10 km,
VED Height = 44.95 m

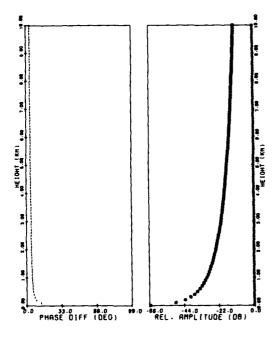


Figure 208. Vertical Electric Field (Poorly Conducting Soil)
Freq. = 10.0 MHz, Dist. = 100 km,
VED Height = 0.00 m

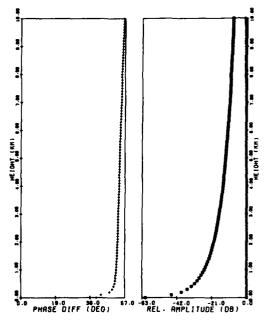


Figure 209. Vertical Electric Field (Poorly Conducting Soil)
Freq. = 10.0 MHz, Dist. = 100 km,
VED Height = 22.48 m

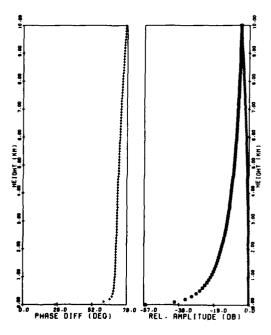


Figure 210. Vertical Electric Field (Poorly Conducting Soil)
Freq. = 10.0 MHz, Dist. = 100 km,
VED Height = 44.95 m

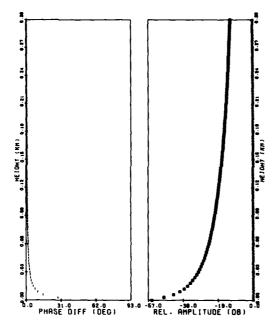


Figure 211. Vertical Electric Field (Poorly Conducting Soil)
Freq. = 100.0 MHz, Dist. = 3 km,
VED Height = 0.00 m

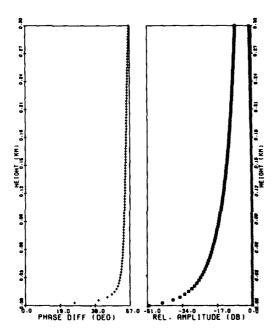


Figure 212. Vertical Electric Field (Poorly Conducting Soil)
Freq. = 100.0 MHz, Dist. = 3 km, VED Height = 2.25 m

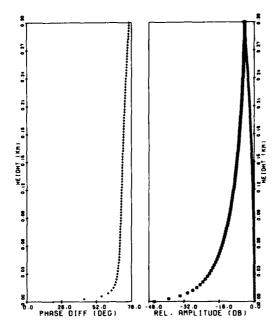


Figure 213. Vertical Electric Field (Poorly Conducting Soil)
Freq. = 100.0 MHz, Dist. = 3 km,
VED Height = 4.50 m

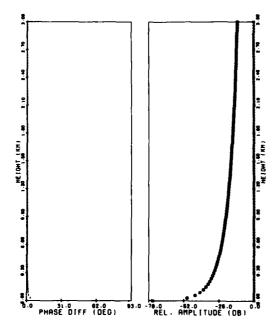


Figure 214. Vertical Electric Field (Poorly Conducting Soil)
Freq. = 100.0 MHz, Dist. = 30 km,
VED Height = 0.00 m

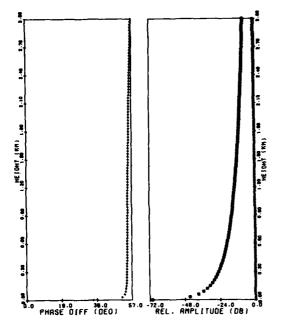


Figure 215. Vertical Electric Field (Poorly Conducting Soil)
Freq. = 100.0 MHz, Dist. = 30 km,
VED Height = 2.25 m

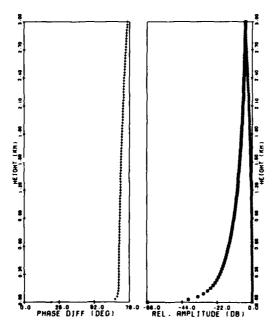


Figure 216. Vertical Electric Field (Poorly Conducting Soil)
Freq. = 100.0 MHz, Dist. = 30 km,
VED Height = 4.50 m

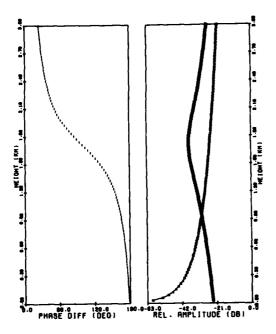


Figure 217. Radial Electric Field (Poorly Conducting Soil)
Freq. = 0.1 MHz, Dist. = 30 km,
VED Height = 0.00 m

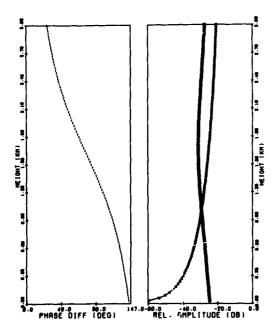


Figure 218. Radial Electric Field (Poorly Conducting Soil)
Freq. = 0.1 MHz, Dist. = 30 km,
VED Height = 2247.60 m

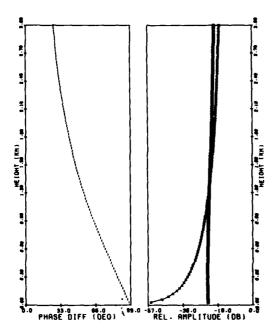


Figure 219. Radial Electric Field (Poorly Conducting Soil) Freq. = 0.1 MHz, Dist. = 30 km, VED Height = 4495.20 m

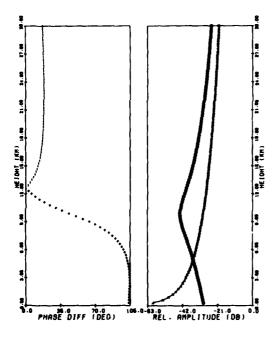


Figure 220. Radial Electric Field (Poorly Conducting Soil)
Freq. = 0.1 MHz, Dist. = 300 km, VED Height = 0.00 m

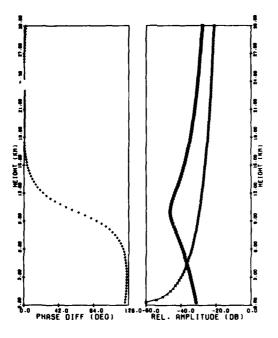


Figure 221. Radial Electric Field (Poorly Conducting Soil) Freq. = 0.1 MHz, Dist. = 300 km, VED Height = 2247.60 m

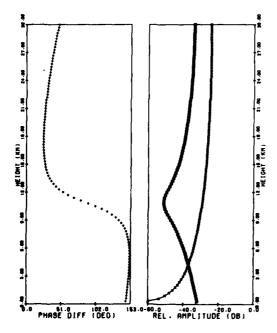


Figure 222. Radial Electric Field (Poorly Conducting Soil) Freq. = 0.1 MHz, Dist. = 300 km, VED Height = 4495.20 m

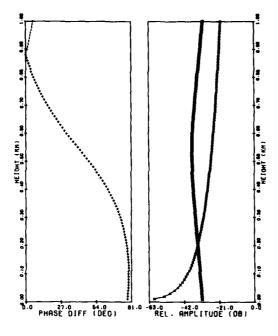


Figure 223. Radial Electric Field (Poorly Conducting Soil)
Freq. = 1.0 MHz, Dist. = 10 km,
VED Height = 0.00 m

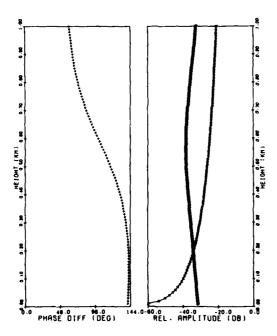


Figure 224. Radial Electric Field (Poorly Conducting Soil)
Freq. = 1.0 MHz, Dist. = 10 km,
VED Height = 224.76 m

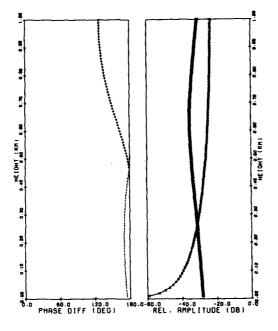


Figure 225. Radial Electric Field (Poorly Conducting Soil)
Freq. = 1.0 MHz, Dist. = 10 km,
VED Height = 449.52 m

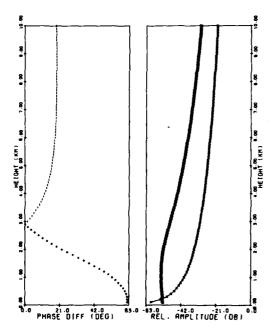


Figure 226. Radial Electric Field (Poorly Conducting Soil)
Freq. = 1.0 MHz, Dist. = 100 km, VED Height = 0.00 m

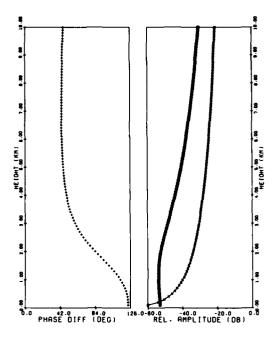


Figure 227. Radial Electric Field (Poorly Conducting Soil) Freq. = 1.0 MHz, Dist. = 100 km, VED Height = 224.76 m

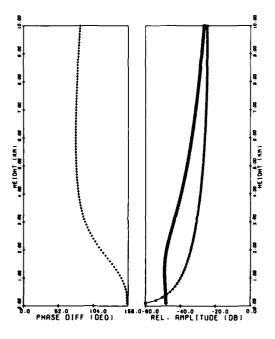


Figure 228. Radial Electric Field (Poorly Conducting Soil) Freq. = 1.0 MHz, Dist. = 100 km, VED Height = 449.52 m

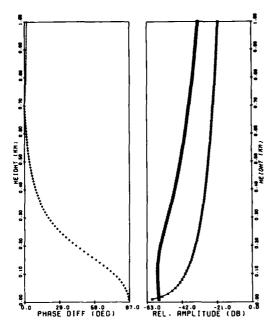


Figure 229. Radial Electric Field (Poorly Conducting Soil)
Freq. = 10.0 MHz, Dist, = 10 km, VED Height = 0.00 m

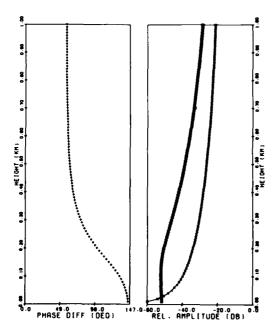


Figure 230. Radial Electric Field (Poorly Conducting Soil)
Freq. = 10.0 MHz, Dist. = 10 km,
VED Height = 22.48 m

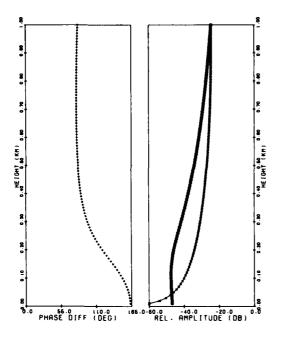


Figure 231. Radial Electric Field (Poorly Conducting Soil)
Freq. = 10.0 MHz, Dist = 10 km,
VED Height = 44.95 m

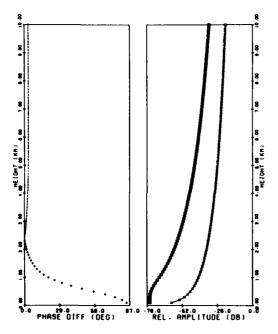


Figure 232. Radial Electric Field (Poorly Conducting Soil)
Freq. = 10.0 MHz, Dist. = 100 km, VED Height = 0.00 m

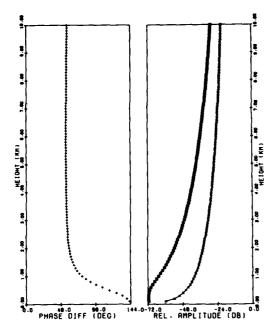


Figure 233. Radial Electric Field (Poorly Conducting Soil)
Freq. = 10.0 MHz, Dist. = 100 km,
VED Height = 22.48 m

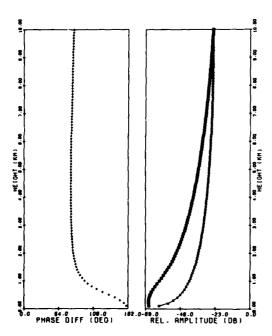


Figure 234. Radial Electric Field (Poorly Conducting Soil)
Freq. = 10.0 MHz, Dist. = 100 km, VED Height = 44.95 m

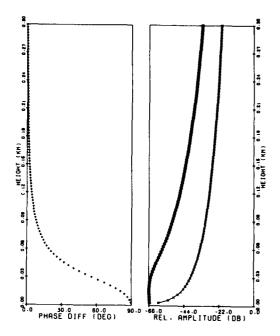


Figure 235. Radial Electric Field (Poorly Conducting Soil)
Freq. = 100.0 MHz, Dist. = 3 km, VED Height = 0.00 m

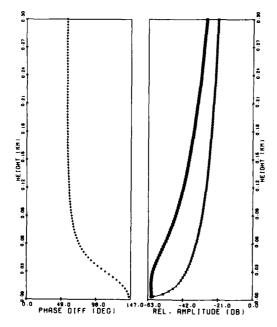


Figure 236. Radial Electric Field (Poorly Conducting Soil)
Freq. = 100.0 MHz, Dist. = 3 km, VED Height = 2.25 m

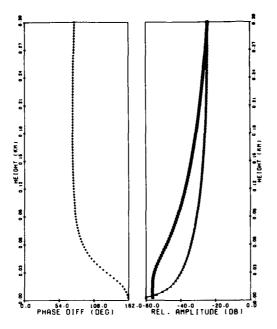


Figure 237. Radial Electric Field (Poorly Conducting Soil)
Freq. = 100.0 MHz, Dist. = 3 km,
VED Height = 4.50 m

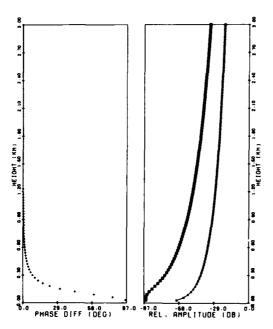


Figure 238. Radial Electric Field (Poorly Conducting Soil)
Freq. = 100.0 MHz, Dist. = 30 km, VED Height = 0.00 m

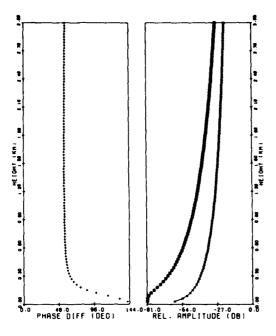


Figure 239. Radial Electric Field (Poorly Conducting Soil)
Freq. = 100.0 MHz, Dist. = 30 km, VED Height = 2.25 m

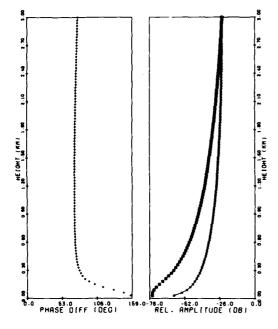


Figure 240. Radial Electric Field (Poorly Conducting Soil)
Freq. = 100.0 MHz, Dist. = 30 km,
VED Height = 4.50 m

Table 2. Vertical Electric Field (Sea Water), Frequency = 0.1 MHz, VED Height = 0.00 m

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10	1	1011	X X	200.0	20.	• 600	300	224.	200	200	007.	2000	004.	1.000	1.100	1.500	1.300	004.1	1.500	1.000	1.700	1.800	7.700	000.7	2.100	707.7	7.300	7.400	•	000° 7	× 100	008-7	2.400	3.000		•			000	0000	0 1	000	000	0000	0 1	000))))	2000	-
ENKANGE	3	10.	5	0.	67	67	•••	••	•••	65	ç0	. 65	• 04	104	1.04	04	50.	63	.64	64	64	79	70.	19:-	10.	70.	1.00	1.00	30.1	¥0.	¥0.	¥0.	¥0.1	• 00	74.1	1				35.	00.1		,		Ç, ;	,	7 1	2	•
30.0 KM UOWNKANGE	1	E .	00	200	700	700.	7.00	700-	700.1	5.00	1001	100.1	000.	4,000	022.1	. 20	922.1		r 20 • •	270.1	775.1	710.	210	2000	170.1		070	\ 70°-	2	× 70 · 1	200.	120-	220.		* > 0		3.1	1			0 7 3 4		0 0 0		7 -		77.1	6000	901
°	1707		E V	0000	0.0	900	0.00	07	150	180	.210	.240	.270	300	330	360	360	074.	054.	084	015.	.540	.570	009.	054.	000	069	021.	00.	20.	0.00	9 6		•	1.050	1.200	1.350	1.500	1,650	001	050.1		7.250	200	7	200	004.7	200	>>>

Table 3. Vertical Electric Field (Sea Water), Frequency = 0.1 MHz, VED Height 2247.60 m

(100) (100)	4£ 16HT	Ĭ	7	I LOS	Ā	1	100	7	4
1001	X	(00)	(5,10)	ž.	(20)	(5,40)	2	, The second	10.00
1001	00000	2001	71.	277	20	3	and a	3 0 1	7
1001	030	1200-		201	070	07.7	200		7
1001 00	090	000	9.	002.	-,029	***	000	340.1	44.4-
1001	060.	063	0,	300	031	27.	22.	110.1	16.1-
1001	.120	1.004	74.1	004.	460.0	14	1.500	V40	-1.7
1001	150	063	U.\$.	006.	036	.,	1.500	1.00.	7 -1 -
1001	.180	/200-	U.4.	2000	U3B	·	1.000	058	-1.7
1001	.<10	¥20	;	207.	1 *0 * •	3·1	2.100	063	10.1
1001	.240	100.1	11.	200.	110.1		704.7	066	-1.06
1001	.270	200	1.1	2000	~ to " -	7.76	2.100	073	-1.6
1001	.300	U.U	1.4.	7000	0<0	7	3.000	010	9.1-
1400.	.336	550	24.1	001.1	+40	35.1	000.0	003	3
1001	.360	1.04	74.1	1.4600	150	. 0.	3.600	080-	-1-5
1001	.390	1 1 2 1	54.1	1.300	061	00.	307.5		1.5
100.1	0244	1 40 . 1	7.4.	204.1	- 002	10	002.4		9 - 1 -
1001	.450	100	7,,-	1.500	. 00.	0	2000	101	7-1-
1001	.480	440	74.	700.1	074	7,7	3004	10.4	100
100.1	510	¥60.	3 1	1.700	2/0	1		-	
1001 - 10	540	193-	3	304			1 1 2 2 2 2		-
	5.70	/ 07 -	-	3	1		107	1	
1001	0		; ;		1	1		77.	000
100.1			1	33	1 7	0 1		7.	
100.1	9 4	2 2	•	001.7		0.0	200	07.	16.1-
100.1	004	7 2 2		2022	1 -		0 0	0 -	
110			•	2000					
111.	001	3.0	٠, ٠	004.	911.		000	101.	7.
100.1	00.	0 ·	٠, ١	000.2	771-	:	006.	101.	7.1.5
11.	09/	**	٠ •	009.7	971.	٥.	2000	171	11.1
100.1	078	011.	¥2.	201.0	135	. 75	9.100	178	111
115.3	.840	110	٠. يو	7.000	7.1	74	į	165	-1-1:
116	.670	7	36	004.2	7.1.1	٠.٠	٦.	196	1.1.
- 430 - 430 - 434 - 435 - 436	0	169	٠, يو	000°F	-,156	71	•	•	-1-10
- 484 - 484									
13. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14	1.050	100	05	3.500	135	.00	10.500	236	-1.00
	1.200	407	ς,	1000	238	•0.	14.000	201	(,,,
131 131 131 131 131 131 131 131 131 131	1.350	962	٠, ع	4.500	247	00.1	13.500	327	.85
	1.500	010	36	000.0	5.46	35:-	10.000	384	
	1.650		15.	005.4	104	£4	16.500	7440	
-574686868686868686	1.800	554.	٠, ي	333.0	467	20	7000	503	6
	1.950	2000	47.	0.200	1.537	04.1	19.500	>16	,
-00060 7.5000000000720 -	2.100	٠,٢٠		000.	613	74.1	61.600	9.9	3.5
	<.250	300.	• . 60	7.500	c69°-	04.1	22.500	726	1.46
	×.400	740	\$2.	200.0	783	-, 3b	24.000	812	24.
1,000 - 1,000	2.550	140	63	0.5.0	87	در	25.500	£06	¥
-1-040 -1- 045-47 05-4 08-5 -1-1040 -1-1040 -1-1040	2.700)	66	2000			7. 000	100	-
	ر د م						,,,,,	• > > • •	•

Table 4. Vertical Electric Field (Sea Water), Frequency = 0.1 MHz, VED Height = 4495.20 m

Ā	PHA SE	7£ 16#1	Į	PHASE	7E 1641	Ą	7
<u>2</u>	(UEG)	(F K)	(PQ)	(C)	Î	3	(5,40)
064	34	3000	750.1	78	00000	150	34.1.
045	35	201.	340.1	, a .	005.	055	-1.66
067	34	002.	240.1	O₽•1	0000	001	-1.63
	15	300	940	2:	00%.	067	-1.60
036	15.1	204.	1 40	٠. ره	1.200	673	-1.57
950.	٠٠. د.	2000	05¢	11	1.500	1,00	-1.54
7.0.	. 30	000.	1.061	٠. ر	1.800	067	-1.51
0.0	7.30	907.	068	-, 75	00 T >	097	-1.46
053	05	2000.	075	÷	004.7	-106	-1.45
000	٠. ٢٧	006.	083		2.700	-110	54.1-
190	57.	1.000	260-	76	000	122	14.
476	42.	1.100	101	77	001.6	10 m	- 1 - 37
685		0027	~ -	7	004	1	
050		706	123		200	001	*
4777		2 -	2 -	2	7	701.	7.
1 -	0.70	001	2.	0.	7.7	0.1.	-1.29
077	, ·	7.000	*	67	995.4	767	-1.26
161.	17.	7000	-191	00:-	220.5	204	-1.23
***	27	1.700	175	 c	5.100	215	-1.21
150	12	1.600	o≯1 . I	• •	2.400	235	-1.18
277.	60	200.1	206	63	5.700	254	-1.15
, Lav	٠.	000°V	-, 223	b	0000	270	-1.13
C17	٠.٥	2.100	240	19	0.300	288	-4.10
777.	٠.٧٥	002.7	BC2	19	9.600	- 307	BO - 1 -
	52.	~.30n	277	60	004.9	-,326	-1.06
¥67.	۲۰۲۶	7.400	297	¥0.	7.200	347	-1.03
613	۲۰۲۶	004.2	5.3lg	55.	7.500	368	10.1-
225.	1.64	0000	•.339	74	7.800	390	0
361	24	7.700	-, 362	-, b	8.100	. [4	5
Ť.	1.6	•	₹85. -	. .	004.0	436	47.
9	*> -	2004.7	¥04.1	, , ,	۲.	194	6
240	63	•	433	در	3	199	25.
, >66	-, 66	3.500	0.550	3,	905.01	. 6.2	20
¢79.	•		777		000		
db.	51.	200	200	3	200	3 9	
* 40.			7 - 1		200	704	:
74	- 4	9 6	777	· ·	15.000	991-1-	53
414	-	2 :	7.7	7.	000.01	1.393	9,10
7		3	060	2.	200.81	1.646	- 39
	7	2000	/ R • 1 •	9	19.500	-1.926	33
0.00	:	000	191.7-	44	71°000	-4.235	27
74.2	٠. ١		-4.527	×7	42.500	-2.575	12
79/07	. ca	000	-4.901	٠. ا	24.000	-4.94B	15
		999	-3.310	12	45.500	-3,357	01
3.610	*0 *-	200	-3.758	Bo	000.72	508-6-	
400.4							
	۰		**V**	40.1	24.500	200	

Table 5. Vertical Electric Field (Sea Water), Frequency = 1.0 MHz, VED Height = 0.00 m

2	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		U. C. KM. UUSRKEWGE	* NK BNGE	7	C.C. KM COWNKANGE	WNKANGE	10	DO.U KM DOBNKANGE	DENKANGE
	THESE	TE TONT	ž į	PHASE	חבונחו	AM	FHASE	Ht. Junt	T	PHASE
	5 -	(FC)	200	(C) (C)	(¥4)	(B)	(056)	(F.	(B)	(DEC)
•	7	200	0-1	D 1	000.0	1	27.0	000-		-12.20
	-2011	070.	C10	70.5	202	100.1	20.01	000	301	
	-6.10	060.	620	-3.78	3.3.	7.60-	-0.43	0000	163	-11.30
	10.2	0,00	•>n-	-3.75	071.	070	-0.34	004.	418	***
	-6.08	o ¢0.	ベンウ・	-3.76	.150	084	-0.24	.500	. 251	-10.68
	-6.17	000.	033	70.7-	.100	750	-0.15	0000	082	-10.37
	00.7-	0,00	037	- 3.00	012.	-010-	-6.05	.700	306	-10.07
	+C+O2	200.	1+0	-3.63	042.	-114	96.5-	009.	0.6	-4.77
	10.01	3,30	-· 042	40.5-	0/2.	124	-2.87	200.	352	D4.4-
	-4.03	004.	クオコ・ー	-3.55	000.	133	-5.78	3.000	- 371	41.6-
	20.2-	.110	200	56.5-	066.	144	69.6-	7.100	387	-8.92
	10.2-	.160	100	-3.50	200.	150	-2.60	1.600	204	-6.65
	20.00	0.1.	061	14.5-	345.	150	15.5	1.300	514.	-8.38
	****I	244.	100.1	77.6-	024.	-, 166	74.4-	7.400	427	-6.1.
	95.1-	150	068	14.5-	005.	173	-5,33	1.500	4.4	-7.88
	15.1-	101.	071	-3.38	204.	-180	2.5.	0000	7 4 4 5	-7-b4
	05.11	011.	c10	در. در -	0 1 C.	186	-5.16	1.700	564	-7.41
	4.1.	.100	478	-3.34	244	7.7.	80.C-	0000	14.4°	-7.10
	CK.1.	0.41.	> 00	-3.29	J. C.	961	57.51	7.400	204	-6.4
	15.11	202.	UBS	-3.60	2000	204	15.51	2000	400	-6.17
	54.7-	012.	080	-3.63	4630	20%	-4.83	2,100	¥04.1	-6.57
	-1.76	122.	160	-3.60	900.	214	-4.75	2.200	471	-6.37
	7 ^ · T +	062.	1 × 0 × 1	-3.17	240.	217	-4.67	005.5	47	-0.17
	7	0.45.	1.047	+1.6.	1760	223	-4.60	2.400	473	-6.01
	40.1.	uć>•	100	-3.11	JC7.	247	-4.52	2.500	473	-5.84
	22.1-	. dou	£01	-3.00	, 78u	231	54.4-	7.600	473	-5.67
	-1.07	٥/٥٠	100	- 3. UD	210.	235	-4.37	2.700	574	-5.52
	-1.86	.600	YOT	-3.05	340.	23b	-4,30	00A.5	47	-5.36
	1.05	343.	11	13.00	26.00	244	-4.23	2.400	707	-5.44
	18.1-	005.	115	14.5-	3 3 3	-,245	-4.16	3.000	407	-5.08
	78.4	350	128	-4.43	1.050	258	-4.x3	3.500	444-	74.4-
	-1.70	004.	140	-4.70	1.500	267	+3.54	200.	438	13.44
	7:7	004.	152	-4.58	1.350	274	-3.27	4.500	421	15.51
	-1.07	.560	203	-4.40	1.500	274	- 3.03	2.000	405	-3.16
	1.63	955	173	-2.35	1.656	283	-4.81	2.500	2	12. H7
	-1.57	079.	183	-2.5*	1.800	285	-4.61	000	976-	24
	-1.55	000.	167	-2.14	1.950	287	74.7-	2.500	367	17.61
	15:1-	002.	< 0 4	-4.04	₹•1 00	293	-2.28	000.	- 359	-2.23
	-1.47	.750	-1514	-1. 35	2.250	290	-4.14	005.7	353	10 · 2 ·
	-1043	200.	224	-1.87	7.400	300	-4.01	000	797	11.94
	7.1.0	. 850	235	-1.75	2.550	304	-1.89	8.500	346	-1.82
	٠١٠ کو ١٠	304.	245	-1.71	2.700	- 304	-1.79	000.6	346	-1.72
	. 1 . 33	30.0	7.65.	-1.04	2.850	315	-1.69	005.6	346	-1.62
	-1.30	202.1	468	-1.58	000.5	326	-1.61	10.000	446	¥5.1.

Table 6. Vertical Electric Field (Sea Water), Frequency = 1.0 MHz, VED Height = 224.76 m

							-	-		1
r	ASE	t Ioni	Ą	7	1601	7	1			
دَ	(5)	(KA)	(08)	(UF 63)) (K)	i i	104	HO I	A C	PHASE
-	-1.47	000.0		-3.18	0000	-100	1000	(Ex)	60.	(DEG)
٠.	0	010.	140	-3.15	050.	124	-2.91	00	00	27
- -	• •	070.	0.00	-3.14	000.	130	79.6-	002.		-10.91
7	;	000	101	\$3.5°	3. 3.	/ t T • -	-2.72	300	282	-10.59
•	7 }		907	-3.00	.140	-,164	-5,63	004.	318	-10.67
٠.	,	000	1	50.7 7 1	7.	-175	-5.53	.500	1.351	96.6-
7	2	2/0-	171	4 5	70.7) P	10.44 10.44	. 600	342	-9.60
7	,,,	200		3	3	120	C	00.	014.	.v. 35
7		0.00	- 134	27.1	27.2	1130	52.63	000	4.43	9:0
ī	.37	001.	17.	78.7-	227	44.7	01.01	00.	200	12.8-
7	.37	.110	145	*8.7-	044.	246	0 0	90.	***	10.40
7	٩,	170	151	-4.61	700.	4.25	3	200	0 1	77.0
7	3.	130	158	-4.78	765.	- 266	9		610.1	***
7	47.	.140	164	-4.75	0440	276	7.7	0 4	1 1	
7	٠٤.	nc†•	021	-2.11	J. 4.	280	4.6	001	7.7.7	74.7
7	.34	160	177	-4.08	⊃₽ † •	296	4.0	200	3	1
7	١٠.	.170	183	-4.bb	014.	306	. 4	1.700	200	
7	36	.140	1.140	-4.62	.540	310	-4.37	1000	2	1 1
7	٠٠.	. I vc	161	46.5-	0,75.	32>	-4.29	1.400	77.1	-6.27
7	97.	200	+02	٠٤->-	200.	334	-4.21	2.000	. 605	9
	,,,	017	212	-4·54	050.	344	-4.13	2.100	612	15.40
•	9 4	97.	£17.	14.2-	700	353	-4.05	2.200	61d	-5.67
1		2000	• • • •	84.7	350	364	-3.47	2.300	644	-5.48
1		2 1	7000	C#	0 2 5	1.871	- 3.90	004.2	629	-5.31
	1.0	200	240.1	***	20.5	096.	-3.82	4.500	634	-5.13
7		= -	7	66.57	0	ָרָ בְּיִלְ בְּיִילְ בִיילִי	- 3.75	7.60U	639	14.41
7		2	244	2000	2 :	מאל	-3.67	₹.700	1,04	18.4-
-	07	047	277.		2 4	9 4	00.5	208.5	9,0	-4.00
7		100	3	10.7	2.00	•		oo*•∿	652	-4.51
•	•		69.	02.2	•	c 7*.	94.5	3.000	656	-4.37
-	3	ì	3	3		•				
•			25.0		00.		1 • ↑ •	3.500	675	-3.7
-		1		10.2	002.	1,10	-6.94	000.4	969	-3.23
			100	1.09	חלנין	566	-4.57	005**	721	-2.80
• •	. ~	0 1	, i		J. 1	6] a	-4.33	2.000	753	-2.45
	. ;	2.14	266.	9	1.650	675	-4.11	2.500	730	-2.15
ĺ	7 1	0 1	\$ To:	-1.55	30 C	736	16.1-	6.000	435	- 1.40
Ĭ 1	6 1	000	260.	7.45	1.950	80 2	-1.74	9.500	1981	100
í (7 -	2 3	2	95.1-	001.	87<	-1.57	7.000	947	-1.51
ĺ		0	. 653	97.1.	7.50	₹	-1.43	7.500	-1.013	-1.34
ĺ		0 :	7.4.	-1.18	7.400	-1.031	-1.30	8.000	-1.087	-1.20
í	•	068.	950.1-	٠	2.550	-1.124	A1.1-	9.500	-1.168	-1.08
ĺ	2 ;	200	951-1-	-1.02	700	-17:1-	-1.07	000.0	-1.457	1.4
í 1	0 .	00.6	7,7.1.	また。」	0007	-1.315	8	9.500	-1.352	
•										

Table 7. Vertical Electric Field (Sea Water), Frequency = 1.0 MHz, VED Height = 449.52 m

1 () N V V V V V V V V V V V V V V V V V V										
	CTA SE	HE I GHT	Ą	PHASE	nt I bhT	Ą	PMA SE	nE 16HT	AMP	PHASE
	(5,40)	(XX)	(00)	(UEG)	(WW)	(BO)	(050)	(44)	(80)	(DEC)
	70.	000.0	125	-2.5g	000	021-	-5,33	200.0	234	-10.83
		2 3	0.1.0	6,55	050.	000	10.64	001.	100	25.01-
	3	25.	241	24.7-	200			005	1,465	10. HH
	٠,٠	040.	150	54.5-	071.	223	14.95	004	707	-4.57
	- 5	050	158	-2.45	u < 1 .	542	-4.86	.500	0 77	-9.56
	9	200.	166	٧٤ ٠٥-	797.	260	4.76	009*	473	-8.45
	, ,	2	-116	٠٠. م	012.	276	-4.67	.700	505	-6.65
	35.	000		-4,33	047.	295	-4.5B	009.	535	-6.35
	٦) A O •	1.140	-4.30	075.	30 %	64.4-	004.	563	-8.07
	V .	201	1.608	-2.20	300	-,326	04.4-	7.000	044	-7.78
	1,	o 1 T •	440	-4.63	065.	343	-4.31	1.100	615	-7.51
	٠ ١	071.	636	-2.20	196.	360	-4.22	1.200	450	-7.24
	. 87	051.	246	-2.17	340	376	-4.13	1.300	663	-6.48
	P. 08	.140	200	-2.14	024.	34/	+0.4-	1.400	685	-6.73
	K D . I	707.	275	-2.11	. t 5.	415	96.5-	1.500	707	P+ .0-
	. 40	097.	1.531	20°2-	204.	435	-3.87	1.500	151	-6.24
	1.00	٠, ۲۰	- 307	د0.5-	015.	*****	2.70	1.700	97	-6.01
	10.	20.	-, 325	-2.05	U+C.	1.474	-3.71	7.800	708	-5.77
	 	⊃^ ₹ •	5,345	75.7-	.570	495	- 3.63	1.400	788	*5.58
	79.	202.	36]	1.36	.000	51b	-3.55	0000₹	908	-5.37
	18.	012.	196	-1.93	.630	•.53₺	-3.47	2.100	827	-5.17
	10.1	955.	104.1	75.7	.660	1.560	-3.39	2.200	847	P6.4-
)) 	06.50	774.	₽0.	20.	.583	- 3.31	7.300	867	-4.79
	7.	042·	7 7 7 7	-1.d5	027.	1.660	-3.24	2.400	880	-4.62
	9/1	UC 2.	465	-1.84	.750	630	-3.16	005°2	1.901	14.41
	12	797.	707.1	-1.73	190	65 ⁵	.3.05	2.600	467	-4.28
	0	0/2	513	-1.76	0 7 R •	1.680	-3.01	2.700	846	-4.12
	۲.	002.	538	-1.74	5 to .	706	76.7-	009.2	696	-3.97
	· .	0,670	- 564	-1:7	0.28	73	-4.87	204.5	~ァテ・-	-3.82
	٠, ١٤	005.	065.1	-1.08))	1.754	-4.80	3.000	-1.013	-3.68
	60	∂ <£.	735	-1.55	1.650	905	84.2-	3.50,	-1.134	-3.04
	*0	224.	227.1	-1.41	1.200	-1.070	-4.18	000.4	-1.273	-2.51
	,	364.	-1.007	-1.6%	1.350	-1.254	06-7-	4.500	-1.434	-2.07
	1,54	004.	-1.547	-1.10	1.500	-1.460	-1.64	2,000	-1.619	-1.69
	7.1.	166.	-1.531	10.4-	1.050	-1.690	[7:7-	5.500	-1.830	-1.37
		200.	1.62.1-	24.1	1.600	-1.945	-1.19	9	-2.06B	-1.09
	04	.650	-<-07	. d.	1.950	-2.226	66	6.500	-4.335	18°-
	45.	300.	-4.394	,0	2.100	-2,536	09	7.000	-2.634	62
	٠. ٥٧	.750	-4.138	/ 5	2.650	-2.877	61	7.500	-2.965	4.
	E 83	208.	-3.117	04.	2.400	-3.25	77.	000.0	-3,331	22
	7.	.850	-3.534	. 34	065.5	-3.664	27	8.500	-3,735	•0•
	17:	005.	-3.486	25	2.700	-4.115	10	0000.6	-4.180	*.
	•• 04	056.	181.1-	٠ ٢٥٠٠	2.650	14.611	.00	9.500	-4.671	.31
	\$5.	0000	-5.031	*0	000.5	-5.156	. 25	10.000	-5.212	05

-wie 8. Vertical Electric Field (Sea Water), Frequency = 10.0 MHz, VED Height = 0.00 m

(NH) (UE) (UE) (UE) (UE) (UE) (UE) (UE) (UE								
(UE)	ĀĀ	PHASE	At 16n7	¥	PHACE	THO! THE	Q#V	33440
100	(90)	(UE 6)	E.	(90)	1 3		1	10,900
100 100	575	116.48	0.00	-1.67	-63.66	00000	15.458	-113.58
	720	-37.40	050.	-2.095	-64.56	100	699-0-	-102.50
100 100	653	14.42	990.	74.455	-54.34	200	-7.576	-90.27
100 100	1.7.	135.40	343.	-4,750	-50.07	005.	474.71	-78.01
000 000 000 000 000 000 000 000 000 00	C80.1-	96,46-	.120	-2.08V	-54.8]	004.	196.7-	-66.47
00000000000000000000000000000000000000	101.1.	-33,32	JC 1 •	-3.164	-47.62	.500	-7.692	-57.7
	-1.27	-32,29	.100	13.258	-40.54	009.	-7.289	-50.29
	1 6 1 -	-31.50	0.5.	-3,38∠	143.60	.700	10.044	44. 17
1	-1.421	-30.68	.240	-3.42B	-40.84	000	-6.402	-39.65
001. 14.00. 14.0	-1.481	-23.63	0.25	-3.443	-34.27	204.	-2.485	-35 B4
1004, [1-64,]], [1-64	-1.533	-28.34	300	-3.435	-3>• BB	1.000	->.605	-32.70
	-1.578	-27.40	055.	13.401	-33.68	1.100	445.6-	-30.1
101. 14.00. 100. 100. 100. 100. 100. 100	-1.615	-46.47	260	-3.355	-31.66	1.200	147.41	4.72
100 100	-1.646	-45.bl	345.	-3.297	-27.B1	1.300	-4.650	-26.0
1001. 11.001. 10.00. 10	-1.67	-24.70	074°	-3.231	-20.12	1.400	£ 04.4-	-24.45
1001. 14.01. 1000.	-1.690	-63.93	J.450	-3.15%	-26.58	1.500	-4.171	-23.0
004, 42, 11, 41, 11, 41, 11, 41, 11, 11, 11, 11	-1.705	-43.14	184.	-3.084	-45.17	7.000	-3.902	-41.86
	-1.715	-44,37	014.	-3.007	-23.88	1.700	-3.771	-40-76
100	-1.721	-41.04	940.	-2.930	-24.69	7.800	165.5	-19.7
100 / 100 /	-1.724	-20.43	.574	-4.854	-21.61	1.900	-3.43B	-18.4
1012. 1012.	-1,723	-20.25	2000	-2.776	-20.62	000.	-3.292	-18.0
000, 100, 100, 100, 100, 100, 100, 100,	-1.720	19.61-	250.	-2.701	-17.71	€.100	-3.157	-17.30
007. 008. 11. 008. 10	-1.714	-18.4g	000.	-4.62b	-10.87	2.200	-3.033	-16.7
000, 000, 000, 000, 000, 000, 000, 000	-1.700	46.81-	260.	-4.550	-10.10	2.300	-4.418	-10.00
005. 005. 11. 000. 10. 005. 005. 005. 00	-1.696	-17.82	.760	14.48V	-17.38	2.400	-4.811	-15.51
002. 002. 11. 210. 10. 10. 10. 10. 10. 10. 10. 10. 10.	-1.085	-17.67	Je.	-2.423	-10.72	2.500	-4.712	2.41-
001,	-1.672	-16.75	087.	-4.36v	-10-10	2.600	-2.620	-14.5
000, 100, 100, 100, 100, 100, 100, 100,	1.058	-16.26	019.	24.240	-15.53	2.700	-4.533	-14.04
100	-1.643	-15.78	040	74.240	-14.99	2.800	-2.452	-13.6
100. 100. 100. 100. 100. 100. 100. 100.	-1.627	-15,34	o, 9.	-4.183	-14.50	6.900	-2.376	-13.2
1004. 14.5. 16.5.	119.1-	, p. 11-	33.	-2.129	-14.03	3.000	-4.305	-12.04
1004. 14.00. 14.								
004.	-1,566	-12.44	000.1	198.4	-12.00	005.4	400	. 11.
004. (52.4. 200.) 004. (52.4. 200.) 006. (52.4. 200.) 007. (52.4. 200.) 008. (52.4. 200.) 009. (52.4. 200.) 004. (52.4. 200.) 004. (52.4. 200.) 004. (52.4. 200.) 004. (52.4. 200.)	-1.431	-11.40	1.600	1.690	-10.64	000	-1.777	-10.03
1004, 24, 1004, 10	1.344	-10.22	1.350	1.541	-7.50	9005	105.1	,
044. 44.7. 748. 1004. 44.7. 74.8. 1004. 44.7. 74.8. 1004. 44.7. 1004. 10	-1.263	17.6-	1.500	-1.41	19.60	2.000	1.454	3
100. 44./- 700. 100. 100. 100. 100. 100. 100. 100.	-1.141	-6.37	1.650	-1.304	-7.85	5.500	-1-336	
1004. VL-61 DLB. VL-61 DLB. 1004. VL-61	-1.126	-7.67	7.000	-1.214	-7.23	000.9	-1.240	7-0.7
100, 0,000 +300, 100, 100, 100, 100, 100, 100, 100,	F90.1-	-7.07	1.550	-1.134	-6.70	005.9	-1.159	-6.54
	-1.018	-6.56	2.100	-1.075	-6.25	7.000	-1.091	-6-11
008. 80.00 04/ 008. 67.01 20/	474	-6.14	2.650	-1.021	->. B6	7.500	-1.034	-5.75
004° (4°C' 2/7°'	436	-5.74	2.400	725	-2.51	8.000	986	15.40
004. 15.04 77.1	(CO)	J	7.550	4.9.	12.6-	8.500	596	-5.1
	5/9	-2.10	2.700	706	-4.93	000.6	016	10.4
004.	100	10.41	0 C P - 2	873	69.4-	9.500	099	9
000°1 98°*- FC/*-	83U	00.4-	3.600	85 u	-4.47	10.000	856	4-4-

Table 9. Vertical Electric Field (Sea Water), Frequency = 10.0 MHz, VED Height = 22.48 m

	3.0 NM U	3.U NM UOWNRANGE	;	10.0 KM DOWNRANGE	DENRANGE		34.0 KM DOWNRANGE	DENRANGE		100.0 KM DUBNHANGE	OBNE ANGE
HE LÜHT		PHASE	HE IGHT	AMA	PHASE	HE IGHT	A	PHASE	HE ILHT	AMP	FMASE
ÎX	(60)	(320)	(X X)	(A)	(04.0)	J.	(BO)	(OFG)	(M.R.)	(90)	(050)
00000		16.61-	0.000	199.1	-36,18	0.00	+56 • I -	-63.35	00000	-5.690	-1111.27
.003		-18.60	010.	-1.025	-35.16	050.	-2.417	-64.25	.100	-7.020	-100.24
9000		-18.30	020.	-1.163	-34,13	200.	-2.777	-57.03	• 200	-7.40B	-07.20
600.		-16.00	0.30	-1.285	-43.09	o.	-3.075	-53.76	300	-8.307	-75.70
.012		-17.69	3+0	-1,395	-35.06	.160	-3,313	-54.50	.400	667.8-	-04.66
.015		45.61-	.050	-1.496	-31.02	150	-3.494	-47.31	.500	-4.02d	-55.42
.01e		-17.08	090.	-1,586	44.67-	.180	-3.625	-44.23	.600	-7.627	-to-
.021		-10.78	0.00	-1.666	-28.98	015.	-3.711	-41.30	.700	-7,183	-42.05
•05		-16.48	000.	-1,737	-27.48	0*2.	-3,759	-38.54	.800	-6.743	65.76-
.027		-10.18	350.	1.747	-47.00	012.	-3.770	-35.97	004.	-0.364	-33.51
•030		-13.86	301.	-1.853	-26.U4	200.	-3.767	-34.58	1.000	-5.948	30.40
.033		95.51-	011.	006.1-	-25,11	066.	-3.739	-31.38	1.100	-5.603	-67.81
.036		42.61-	120	347 " "	-24.20	205.	3.695	-24.36	1.200	142.6-	-65,68
e 0 3 6		-15.60	061.	-1.474	-23,32	255.	3.640	-27.51	1.300	-5.011	-43.76
. 042		17.41-	047.	-4.00	14.22-	024.	-3.578	-25.82	1.400	4.738	-44.16
570.		-14.43	967.	<50.2-	-21.65	94.0	-3.504	-24.28	1.500	-4.530	-20.76
870.		-14.15	707.	-2.043	-40.86	204.	-3.438	-24.87	1.600	476.	75.61-
.051		-13.87	071.	-4.057	-20.09	015.	-3.365	-21.57	1.700	-4.136	-18.42
•054		13.00	001.	-4.067	-19.36	540	3.291	-20.34	1.000	13.366	-17.44
750.		-13,33	26.	-2.073	-18.65	0/5	4.216	17.3	003	0 (K · + +	45.97-
000		90.01.	005	-2.077	-17.78	000	4.146	20.0	2,000	1000	-15.4
.063		-16.80	077	-2.078	-17.44	25.0	470 -1-	04.71-	0011	100	
440		3	3	7 7 11 7 1	7 4 1	4		41.4	-07	3	1
9		10.00	971	120	10.01	9 5	3	ייייייייייייייייייייייייייייייייייייי	2000	017	65.41
		7 7 7 7	200	7.0			F		200	1000	
		00.01	2	20.2	10.01		1000	10.1	004.7	2.500	11.01
0.00		2.17.	יייייייייייייייייייייייייייייייייייייי	500.5	00.61-	00.	10.7	04.4	000.7	1111	70.71
9/0.		46.11.	1000	-4.050	P1.41-	30.	2.75	9/ • 1-	2.600	-3.024	-12.15
180		-11.3	073.	240.71	DA . C	⊃ ¤•	-2.703	-13.21	<.700	-2.943	-1:.64
190°		90.11-	187.	V50.51	13.50	040.	-5.65u	-14.67	2.600	-6.467	-11.26
190	-1.6613	10.05	064	₹20°2-	-13.05	020.	-2.593	-14.17	7.900	-6.737	-10.85
060.	-1.665	-10.64	007.	-2.019	-15.61	00%	-2.551	-11.71	3.000	-2.732	-10.4B
	1	;	į		,						
50.	707.1-	70.7	055.	000	07-01-	050.1	74.346	-7.76	3.500	-4.465	10.0
7	1001	0,0	00.	516.1	01.	7.00	141.7	52.0	0000	-4.514	-7.66
1		5.5	0.4	0/8-1-	-1.92	166.	-2.077	-/•15	4.500	761.5-	-0.07
• • • • • • • • • • • • • • • • • • •	124.1-	0	005	1.836	, D. O.	1.500	-1.996	-6.23	2.000	-4.04]	-5.86
000	109.	67.0-	944.	V. B. I.	40.0	1.650	1 36 1 -	17.47	2.500	-1.470	-5.19
9 1	*****	-2.67	009	1.0.1	5.34	1.000	-1.910	10.11	000.0	856.1-	19.4-
667	000.7	11.0	200	1.861	7.	1.750	BAR. 1	-4.30	6.500	-1.920	-4.1
2.5	770*1-	•	00.	310.1.	J	2.100	505.1	14.F3	7.000	-1,921	-3.67
000	7 7 7 7	0	200	0/0.1	7,00	4.650	1.923	- 3.42	7.500	-1.43B	γ.γ. γ.γ.
) U		0 0	000	716.1	10,00	0000	956.7	97.6	000	*O* *!	٠٧٠٧
	1 1 1	N 10 0	0 0 0	606.1	16.2	2000	700.7	-6.13	005.8	-4.013	10.7
284	1 2	00.01	3	100	60.7	00/1	72.057	77.7	200.0	690.7-	9.7-
000	7 477			2	2	200	77.5	D	000.	2.130	11.7
,		01.3	>>>	301.2	7.5.10	2000	2000	54.11	10000	-4.413	-1.8

Table 10. Vertical Electric Field (Sea Water), Frequency = 10.0 MHz, VED Height = 44.95 m

						1					
HE IGHT	T.	PHASE	HE IGHT	AMP	PHASE	HE IGHT	H	PHASE	HE LUMT	AMP	PHASE
	6 4	1000	1		(OF 6)	(E)	(68)	(5 to 5)	(MM)	99	3 3 3
	707	34.0	200		10000	0000	202.2	57.86	00-	10.00	74.67
	.742	-10.09	.020		133,80	000	-3.066	-54.65	000	45.5.A-	77.54
	. 766	-15.79	0000		-30,76	3,30	-3.366	-51.38	300	-0.627	-73,30
	470.	64.51-	040.		-29.73	.120	-3.606	-40.13	004.	-4.622	-62.20
	.870	-15,18	040.		-28.70	061.	-3,791	14.24-	.500	-4.350	-53.01
		99.41-	949.		-47.67	.180	-3.426	18.14-	000.	106./-	-45.56
	D 1 7 .	-14.58	070.		-76.00	017.	-4.018	-30.95	. 700	-7.562	19.45-
	. ,400	-14.68	080.		-25.67	045.	24.072	-30-19	. 600	-7.044	34.46-
	1.063	-13.96	050.		-24.70	072.	-4.095	-33.62	006	-0.040	-31.08
	400-1	-13.69	001.		-43.14	000	760.4-	-31.23	1.000	-6.306	-27.95
_	4.095	13.40	011.		-24,81	055.	-4.074	-44.03	1.100	-5.96#	35.35
	1.130	-13.10	120		-<1.41	300	-4.037	-2/.01	1.200	-2.064	-43.16
_	*01.1	-14.64	.130		-21.03	340	3°66°E-	-22.16	1.300	-5,392	-41.69
	1.198	-16.53	7.		-40.18	024.	746.5-	-23.46	1.400	-2.148	-17.00
	1.631	-12.25	150		-19.30	1450	-3.883	-21.91	1.500	474.4-	-16.27
_	1.404	-11.97	.160		-14.57	094.	-3.823	64.02-	1.600	-4.732	-17.0
	1.62.1	-11.70	.170		-17.81	015.	-3.761	-17.20	1.700	-4.556	-15.42
_	1.364	-11.43	. 160		-17.0B	.540	-3.700	-10.01	1.600	-4.396	-14.4
_	105.1	-11.16	357.		-16,37	٠, د.	13.637	-10.42	004.1	-4.65	-14.04
_	245.1	-10.89	002.		-15.69	000.	13.580	-15.92	000.2	-4.123	-13.23
_	1240	-10.63	017.		-12.04	.630	-3.524	44.41-	2.100	-4.005	-12.43
	420	P5 - 7 -	077.		-14.45	044.	13.470	-14.14	7.400	ウブヤ・コー	-11.B
	0	-10.1-	06.5		-13.02	7	7.4.5.	-13.36	7.300	-3.803	-11-1
	410	20.	2		-13.25	07.	176.5-	-14.63	00**>	-3,715	-10.6
	000	70.	262.		-12.70	30%	-3.326	-11.45	60€.5	-3.637	-10.6
	100	J	20.		-14.17	.780	-3.285	-11.33	2.600	-3.505	5.5
_	1.013	4.15	0.70		-11.07	018.	-3.247	-10.74	7.100	-3.501	1.6-
	0.0	74.8-	087.		-11.18	. 640	-3.212	71.01-	4.800	£ ## •£ =	9.0
	0/0	, c	067		-10.76	2/9.	-3.180	14.68	004.7	12000-	.B.2
_	80	9.81	005.		-10.28	00 %	-3.151	17.20	3.000	- 3, 345	-7.B
	•	,	•								
	1.0.1	, S.	965.	-4.635	-8.34	1.000	- 4,053	<u>۲</u> -۷-	3.500	-3,182	7.0
071	140.7-	-6.4]	201.	-2.710	-6.74	1.200	-3.021	-3.66	000**	-3,112	24.45
	7.640	-5.56	400	-2.816	17.40	1.350	3.048	14.41	4.500	-3,116	-3.6
	V * * * V	14.05	2000	-2.443	₹2.4-	1.500	-3.12/	- 3.43	5.000	-3.1/3	7.
	K.0.7	17.5-	u cc.	-3.107	-3.35	1.650	-3.253	-4.5B	5.500	-3.234	7.4
	2,736	-3.64	220.	-3,305	-2.52	7.000	-3.463	-1.83	0000	15.457	7.
	3,613	-K.58	9090	-3.53y	-1.78	1.950	-3.630	01.1-	6.500	-3.664	ŏ::
	3,566		00/	0.8.6-	77:7-	2.100	148.5-	45.	000.7	-3.415	٠. ب
	3,865	-1.38	. 750	F11.4-	, t	7620	281.4-	₹0.	7.500	* 00 × -	4
	***	. a .	200.	14.465	, ,	2.400	-4.529	.57	9.000	14.046	~
	8.05e	٠. ده	959.	-4.864	90.	UCC.>	110°1-	1.10	8.500	-4.430	1.4
	1110	٥٤.	005.	-5,302	1.23	4.700	17. J48	1.04	000.7	-5.362	1.8
	7,044	Ď.	25.	10,							
					200	2000	10,00	2	335	7 17	~

Table 11. Vertical Electric Field (Sea Water), Frequency = 100.0 MHz, VED Height = 0.00 m

CUCK) CUCK) CUCK CUCK) CUCK CUCK) CUCK) CUCK) CUCK C	1641		PHASE	HE SONT	AMP	PHASE	HE ICHT	AMT	THASE	JE IGHT	A	FIASS
10,	(KA)		(066)	(KM)	(90)	(UE 4)	(N K)	(80)	(UEG)	2 4	(AC)	(0 5 6
1,000, 1	000		-10%.86	00000	-14.486	-157,32	2020	-60.213	-174.66	000.0	-38.478	-173.3
1,000	001	•	-100.43	£00°	-10.150	-146.20	010.	-30.865	-123.44	060.	-33.518	104.4
1,	200		-104.62	900.	-17.140	-136.87	070.	-67.607	-80.85	000.	-26.739	-50.44
1,	000	•	DO * A.A.	PO 0 .	-17.661	-116.13	050.	-63.431	-63.28	0.60	-63.013	147.4
10 10 10 10 10 10 10 10	*00	•	41.64-	.010	110.61-	-103.51	240.	-61.613	-54.62	.140	244.02-	-42.7
10 10 10 10 10 10 10 10	500	-	C2 • 1 4-	\$10°	-17.184	170.30	000.	-19.165	-43.77	.150	-18.604	-40.7
#64.5. 06.9.	900.		-07.50	910.	-10.464	-77.10	202.	-17.554	-40.31	097.	-17.114	134° 25-
1,	.007	·	-63.13	150.	179.61-	-71.40	272.	-16.237	43.70	0.530	-15.843	157,4
1,	50n		-7.45	420°	-14.811	74.40-	000.	-15,136	-41.62	042.	-14.860	-36.8
10	600		-12.67	120.	-14.020	10.45-	0.00	-14.195	-54. BE	.270	-13.471	135,8
10	010		-74.03	. u 30	-13.687	-54.03	.100	-13.379	-30.34	300.	-13.140	-34.8
1,	110.		-68.04	eto.	-14.616	-51.01	0110	-14.062	H) ./ E-	050.	-12.511	104.0
100.00	.012	Ť	-62.24	950.	-12.003	-47.57	.160	-12.025	35.40	995.	669.11-	- 13.1
100 100	.013	•	-64.14	750.	177.11-	45.34	051.	-11.454	-34.84	046.	245 . 1 . 1	-36.4
1,000	• 0 14	-	61.45-	240.	454.01-	-43.16	044.	4E6.01-	-33.86	024.	-10.852	-31.7
1,000, 1	015	•	-56.46	₹40.	-10.468	07.14-	061.	-10.47	-34.56	. 450	-10.34B	-31,0
100.4.	910.		14.56-	240.	040.01-	54.45-	201.	-10.045	-34.12	204.	-4.483	-36.36
1, 2, 2, 3, 3, 3, 1, 1, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 3, 2, 3, 3, 3, 3, 3, 3, 3, 3, 3, 3, 3, 3, 3,	.017		64.14-	400.	17.646	オア・2ワー	.170	17.653	-31.33	014	100.6-	-63.7
10.00	.018		-44.33	400.	-9.282	-36.55	180	752.5	-30.60	540	ガナン・ドー	,,,,,
10.00	610		27.15-	760.	U\$4.0-	J 55	36.1.	56.450	-24.40	370	-0.461	-68.5
1000	. 320		at.c+-	.000	-8.633	-34.15	007.	240.0-	-23.KZ-	000	19.6-	-69.0
100.00	.021		10.5.	.003	-0,342	-33.10	012.	-6,357	-20.62	050.	-0.333	-61.4
10,000	270.		15.14-	. 600	040.8-	-32.13	U27.	18.050	-20.03	000.	-0.000	F .07-
100-1- 007.	•023		110.11	.000	-7.016	-31.23	06.50	-7.830	-21.40	040.	-1.000	-46.50
100	. 024		10.75-	2/0.	-7.578	150.34	047.	109.7-	24.02-	.760	-7.200	-46.0
1001.5	٠ دې ٥		20./5-	د/٥٠	-7.354	14.42-	762.	11.375	-20.41	067.	-7.367	-45.5
1,	923	•	170.44	8/0.	-7.143	-60.07	192.	-7.170	14.07-	.700	-7.160	-45.14
100.00	. 0 6	•	175.68	180.	110.0-	-68.18	0/2.	-6.97	77.07-	010.	+0.40+	-64.7
######################################	9 C	1	134.60	100.	-6.757	£ 5.72-	087.	-6.785	44.48	040.	£11.	-64.31
15.4.5		٠	133.18	.00	-6.579	-40.72	267.	-0.600	-24.54	0/9.	-0.003	-63.4
	0 5 0 •	1	-36.66	3 7 0	16.411	-66.34	305.	0 * 4 * 0	-64.12	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	154.0-	263.5
1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	35.	7.5.4	140.62	€0¶•	-5.586	-63.02	JC5.	-5.716	-26.21	1.050	-2.717	-61.7
	040	14.003	-45.13	.160	-5.112	-<1.61	004.	-5.140	140.60	1.000	6+1.6-	740.4
14.10 1.30. 1.4.260 1.46.73 1.30. 1.4.69. 1.4.73 1.30. 1.4.69.	5.0	103.31	266.76	ځد ۱۰	14.646	-50 · 14	.450	-4.671	13.61-	1.350	C10.*-	ケーエー・
-1.5.4 - 1.5.4	0,00	011	-40.11	001.	-4.260	-16.73	004.	-4.283	-10.00	1.500	-4.688	-17.8(
-3.504 - 10.801 - 10.	350	-3.06.	01.61-	165	-3.436	25.11-	UCC.	13.95/	10.01-	1.650	-3.461	-10.7
	090	, 30 . L	-17.80	001.	-3.561	-10.47	• 600	-3.680	44.61-	1.000	-3.684	-15.86
- 1.5.6.3	200	17.740	+9.01-	ر¥۱.	-3.464	-15.54	.650	135461	-15.15	1.350	-3.445	-15.04
	0/0	CC1.6-	15.63	012.	-3.414	-14.74	.700	-3.234	-14.34	2.10U	-3.638	-14.30
-c.03/ -11.47	5 2	-4.780	-14.75	522.	140.6-	-13.48	J-7-0	-3.054	-13.71	2.650	1-3.057	-13.0
	900	15003-	15.01-	0+2.	-6.003	-13.32	.000	C48.5-	-13.08	2.400	-4.839	-13.00
-<-300 -16.65 -16.65 -16.17 ,900 -2.654 -16.00 2.700 -2.634 -3.636 -2.634 -3.646 -2.634 -3.646 -2.634 -3.646 -3.64	000	10,00	82°F1-	C22.	-4.145	-14.14	9620	-4.756	-14.52	055.2	-4.73B	-14.46
424.5+ 068.5 56.11+ 556.5- 069. 11.51- 616.5- 605. 40.51- fow.s-	3 0	-2.346	-14.65	0/2.	-4.624	-15.17	006.	-4.634	-14.00	2.700	-4.034	\$°.
	ν γ γ	104.7-	-14.07	507.	-4.513	-11.67	055.	755.7-	-11.56	6.450	+24.54	-11.

Table 12. Vertical Electric Field (Sea Water), Frequency = 100,0 MHz, VED Height = 2.25 m

1. IGHT	4	PHASE	At lon1		32.44.9	Troi th	Ą	10	1001 30	4	419
ž Ž	92)	(UE)	, E		(5 +0)	1	1	1			100
000	104.0-	-101-90	0000		-147.40	0000	24.200	7 . 44	000	64.	200
100.	-7.384	170.40	500.		-138.07	010.	198910-	90°C[]-		4 100 - 45 -	3
.002	-7.113	124.87	930.		-124.75	020.	.46.87	-76.51	343	17.7.	
.003	161.8-	11.14.	×33.		-110.01	050.	116.43-	56.45	0.00	777	40.4
400	051.0-	-6/.63	210.		¥6.04-	010	-42.200	14.04-	021.	£7.4.17-	34.36
200	749.0-	63.31	\$10.		-04.36	000.	-60.156	24.1.4-	057.	-19.596	-36.38
0 0	0.0.0	47.6/	970.		-/1.01	197.	145.81-	د۲۰/٤ ۰	007.	-10.100	46.00
200	****	175.40	120.		-63.03	2/3.	-17.220	-35.34	012.	-10.002	26.67
800	701.4-	74.17-	.00		->0.6-	180.	-16.127	-33.26	047.	100.01	74.07-
500.	9,660	-01.74	120.		79.05-	363.	-15.188	-34.56	07 2.	104.41.	04.72
070	UC2.Y-	-010-	350.		74.04-	.100	-14.374	-30.05	000.	061.91-	-40
7.0	162.6-	0.00	£ 6.9.		-45. du	011.	-13.657	-20.71	055.	-13.507	(4,4)
770	047.4-	16.75-	, U 36		c7.46-	.160	-13.024	-21.53	196.	-16.039	-64.76
17.	-7.160	57. Ta	プラつ・		-37.10	064.	14.450	-70.46	065.	14.15	100
7 :	100.4-	د ۲۰۱ ۲-	750.		-34.92	741.	116.11-	-45.49	024	11.306	200
510	154.0-	10.01-	C+0.		-36.70	J. 150	-11.47	-24.5B	75.	404-11-	4
9 !	710.0-	147.40	٥,		-31.63	.100	450.11-	47.507-	10	377	7
10.	-0.665	14.3.57	150.		-69.69	.170	199.01-	-24.45	010	-10.015	76.12
E .	JCC.8-	-41.30	4 00.		-60.67	707.	-10.307	1/00/-	340	10.756	7.07
5 5	177.0-	35.45-	150.		-67.Ud	067.	17.47V	-21.51	075.	77.47	107
0	7/2.0-	45.75-	200.		-65.81	002.	-4.673	-20.85	000	7 90 4 7	· · ·
120	-D-1CY	10.00-	.063	-4.367	-24.01	017.	14.587	-20.22	630	107.6	771
770	004./-	125.46	• 600		-63.04	022.	->-154	-13.66	000.	10 T 4 N -	- 18.3
500	0,0./-	-36.46	FQ0.		-62.73	ut 2.	-0.670	-13.06	0.00	10.00	113000
100	01/0/-	YY • 25 -	2/0.		-66.00	047.	-0.645	-10.51	121.	-0.030	
677	0/0-/-	-64.65	.075		-61.30	047.	124.0-	54./1-	150	014.0-	1.7.
077	****	04.67-	9/o.		95.02-	0000	-0.223	540/1-	.780	12.61	0.01.
	917.	-61.63	an.		-14.00	0/2.	-8.031	-17.01	010	120.0	1,641
000	761.	61.07	180.		13.60	000.	7.850	-10.55	040.	-1.044	15.6
000	7	01.62	000		-18.58	767.	-7.670	-10.11	0/0.	c10.1-	115.4
	0000		0		٠٠./ T-	005.	-1.517	-12.64	307.	+16-1-	-15.06
950	- P.464	-60.00	ć01.	-6.733	٠٤٠٠٠	, ,	. H. H.	7. 7.	-	1	
040	-5.334	-10.4	27.	X	1	1			000	9900	7.0
590*	969.6-	27.71	 	4	7			11.51	200	562.0-	-11.
050	17,344	-16.41		1 2 3		2 3	0000	FC - 27 -	055.1	0/8.6-	1011
.055	471.4-	12001					70.0	3 · · ·	005.1	75.56	7.6
090	, ,	, ,		30.50	100	000	002.0	£ .	1.650	192.6-	1.0
590	70/	\ - · · · ·		7 7 7 7	0 3	000	5000	۲٤٠١ -	0000	110.0-	57.7-
0.0	140	17.		7 7 7	14.01	000	000	-0.45 -0.45	1.50	7/0.4-	-6.3
.75	14,040			1 4	9 9	00.6	4.136	19.64	00.	-4.730	-5.5
080		· ·			7.0	00.	4.064	05.1	4.650		18.4-
56.	1 1 1			600	10.4		****	27.4-	00*•	PCC.*-	-4. 74
	7 1	10.1	(2)	75.5	1 2° C	, a ,	505.4-	45.6-	055.7	100.1	14.6-
000		# D * O I	0,2.	701.	- 3.66	004.	14.47	00.5-	2.700	111.11	100
		67.0	0021	10.1	10.	ŝ	4.7				
	1 1						1	10.44	V.850	201.1	7.7

Table 13. Vertical Electric Field (Sea Water), Frequency = 100,0 MHz, VED Height = 4.50 m

3		•							;		
2 1		30.	2014		1047	257 1		FIASE	3F 2037		ナギン
E 6		(5)	Ē		(5, 6)	2	90)	(CF C)	£ 4	(09)	(UE 6)
0.0		-73.65	000		139.80	200.0		-154.15	00000		-154.60
300		70.00	500.		-128.08	010.		-104.32	050.		46.47
7000		27.00-	900		-115.36	027.	454.455	-64.32	090.		44.16-
000		14.70-	A 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		10.001-	253.		-44.73	940.		-66.63
* i		19.0/-	20.0		دلا. د۵− د	2 \$ 2 •		-30.27	.100		24.45.A-
300		-14.00	c10.		-12.88	000.		-31.21	041.		-66.02
900		-70.73	010.		-64.00	202.		-21.73	091.		-70.48
2000		-60.73	177.		₹ 4,€₹-	٥/ ٥·		-25.11	012.		P1 . 4 . 1 -
.008		-64.71	*20.		10.01-	200.		-23.01	047.		-18.04
500.		51.64-	.067		-41.15	つかつ・		-21.26	0/20		-17.00
010.		-55.48	000		-36.71	701.		-17.75	705.		50.01-
170.		94.14-	.033		+0.55-	0110		-10.41	055.		-15.17
210.		49.00	• 0 36		04.62-	071.		-11.62	007		46.41-
.013		14.64-	750.		-67.33	U. 1. 0		51.01-	37		4.14
•010		56.24-	240.		-45.00	041.		-15.13	024		-16.81
. 0.15		D/ * K T -	.040		-63.06	051.		7.7	0,4		17.71
910.		-37.19	0,0		-21.30	091.		-13.34	001		
.017		-34.17	140.		7/*41-	0110		-16.53	015.		9/ -01-
910.		14.26-	4CO.		47.81-	0.00		-11.77	045		-10.16
. 019		14.00-	140.		¥4.01-	0.4.		-11.04	.570		3,56
. 50		7. D. D. J.	,000		-15.8u	. 470.0		-10.36	200		77.2
150.	200.4-	70.02-	r90.	-10.360	-14.70	.619	-10.380	17.70	0000	-10.358	14.81
• 555		76.47-	• 000		40.51-	022.		19.61	200.		10.00
.023		-63.33	¥00.		-16.74	062.		24.6-	0.00		-7.37
• 024		-61.12-	2/0.		-11.00	240,		05.7-	.720		10.0-
• 025		C+*07-	در n.		-11.03	662.		-1.34	Jc7.		-6.30
• 026		-14.14	9 L 0 .		-10.25	102.		-0.H	00%		35.51
120.		76./1-	· cal		14.4-	0/2.		47.0-	010.		17.44
.028		-10.70	\$00.		-4.8	067.		47.6-); D.		7.31
620.		99.61-	.007		<1.0-	040.		-5.3	0/0.		14.3
• 030		-14.65	つ入っ。 ・		14.7-	000.		1 . I	705.		-4.13
.035	-7.665	-10.67	c 1 ()	-8.636	27.5.	055.	50.085	,4.	1,0	1	
0+0	-1.355	20.0-	.100	4.00.1-	- C. Jr.	00	11.671			2000	
345	791.1-	77.71	٠٤ . د	-7.376	ځډ 	UC 1.	104.6	3	24.	103.7-	-
.050	5.50.7 -	-1.58	051.	402.7-	15.1	3000	-1.234	5,7	טעלין	4.7.7.	
• 055	000-/-	,	591.	-7-131	5.14	966.	-7.151	10.*	000.	در ا ، / -	,
090.	* 7.00*	94.7	.100	-1.130	4.73	200.	-7.146	5.53	0000	-(-12)	2, 4
900	-7.116	1,.6	٠١.	061.2-	0.66	059.	-1.213	25.0	064.1	-7.416	1.1/
2	462./-	ų.	017.	-1.323	1.11	00/•	-7.346	4.6	001.2	-1.344	8,0,0
5.0	504./-	.0.	(2)	-1.520	42.6	.750	1.530	7 H . K	062.2	-1.532	10.01
200	*7/*/-	٤٤٠,	0,70	0/1.7-	10.05	000.	- 7.777	11.35	2.400	4/1.1-	11.54
000	3 · 0 ·	0.11	562.	-8.076	74.71	.650	-a.08<	13.00	2.550	18.484	13.14
٠ د د	373	76.21	0/2.	111.0-	14.64	. 400	333.01	14.72	2.100	131.51	14.85
9	10.01	14.00	507.	302			. 10				
					10.10		0000	0.50	7.000	-0.000	7.01

Table 14. Radial Electric Field (Sea Water), Frequency = 0.1 MHz, VED Height = 0.00 m

¥:	Š	15	. 3	35	21	5.58	34	96	66	1	42	63	20	53	13	2	20	56	40	45	0	40		5.	18	3	00	7	36	77	0,	*	54	٤	3 -		, y	ę	2	7.1	Q Q	7	,	ş	5.5) ;	ş
UOBNKANGE	1	(0)	•	-80.35	-35	2	* ~ ~	-10.98	•	-7.45	÷	ç	ţ	,	*	-		- 3.26	40.5-	. 7.	69.7-	7	-4.41	2.	7	-4.00	?	-	-	;	;	-	;	41-		-		•	5.	٠	•	•	•	·	•	•	•
5 E	Ā	90)	-28.566	-61.787	-57.127	->2.827	VB/ " 41-	105.2	-45.676	-44.162	-42.87U	777.	140.746	-39.85U	10.00	-38.295	-37.611	-36.476	-36.385	150.66-	316.55-	V 18.47-	-34,355	£16.51-	100.494	-00.00-	-36.711	-36.344	-31.495	ŝ	11.330	-31.017	7	337 77 77		421.77	7	45. 105	4.600	40A . 7 7 -	-63.660	. 44.66	-44.114	145.12	-61.101	•	2
30	Tr Lon	ž	00000	.300	000.	201.	1.500	1.500	7.000	2.100	7.400	2.700	3.000	3.300	3.600	3.400	2000	005.4	2000	2.100	20400	5.700	000	0.360	0000	004.0	7.600	7.500	1.860	9.100	004.0	3.700	200.7	204-11		204.4	2000	10.500	10.00	17.500	2000	44.500	2000	23.500	27.000	2015	•
DOWNKAZOE	TABSE	(OF 6)	10.40-	173.05	-35.39	-40.73	-14.53	-11.13	70.6-	-7.50	14.9-	-5.76	01.5-	74.00	77.31	-3.04	-3.55	-3,30	90.6-	-4.03	-4.73	-4.50	*** 7-	-4.34	-4.41	-4.11	v	15.7-	-1.00	-	-1.7	-1.65	10.1-	71.1-	-	93.	5	/0	20.		00.	*0.1	7.00	90	53	3	2
100.0 KM UC	Ā	(PG)	-38.565	-61.625	-57.021	-56.17U	-44.754	210.14-	745.657	144.147	-46.B5B	-41.734	-40.738	640.46-	-35.036	-36.290	-37.606	-36.47	-36.381	-35.868	-35,308	118.46-	1.34.353	-33.11	-33.492	740.65-	-36.710	-36.343	756.15-	ç.	.3	-31.016-	7.7	-64.344	ŕ	-6/1/2	-66.400	-45.305	-64.000	¥04.52-	-43.406	+66.22-	-66.113	160-12-	2	240.07-	
3	AC LON	(F.E.	000.0	001.	200.	305.	204.	004.	200.	200	909.	200.	1.000	1.100	1.000	1.300	1.400	1.500	1.066	1.700	1.800	005.1	000°	<.100	4.400	2000	204.2	4.500	4.600	00/*>	300.2	30 V V	3.000	3.500		2000	2000	3.500	2000	0000	7.000	1.500	3.000	9,200	2000	3.000	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
CHNKAMOR	714 SE	(OF6)	25.05	-13.61-	-35.40	24.02-	10.11-	-11-22	27.64	59.1-	-6.57	-5.77	+7.14	10.1-	52.4-	-3.46	-3.59	- 3.33	-3.11	75.75	-4.75	-4.60	94.7-	-6.34	-4.23	-6.13	-4.04	-1.50	11.00	18.1-	-1.74	20.1-	79.1-	87.1.	17.1-	-1.07	9	10	1.80	74	1.04	1.04		1.00	•		
30.U NM DURNKANGE	Ī	(02)	-56.565	-61.566	-56.454	-54.733	164.130	-47.450	140.04-	164.44-	K+0.74-	121.14-	-40.131	-34.838	-34.06/	-30.600	-37.006	-30.404	-36.370	-35.065	-35.3UD	-34.015	J4.350	~	33.44	-33.070	-34.700	-36.346	-31.991	-31.053	-31.368	-31.015	-30./13	-24.344	-26.164	-27.165	-20.177	-25.30x	-24.000	-23.707	-23.600	-26.007	-24.113	144.15-	-21.10	40.0	
	14 I CH	XX)	00000	030	090.	060.	.120	.150	.180	.210	042.					390	.420	054.	.480	.510	.540	.570	•	.630	.660	069.	.720	.750	.780	9.0	040	0.0	006.	1.050	1.200	1.350	1.500	1.650	1.600	1.550	¿ • 1 00	2.250	004.7	6.550	2.700	<.850	

Table 15. Radial Electric Field (Sea Water), Frequency = 0.1 MHz, VED Height = 2247.60 m

(bb) (bc) (cc)	ne 16HT	ą Į	PHASE	Ac I um	A	FAT SE	חר [ניח]	Ą	PHASE
10	X X X		(U.P. U.)	(XX)	(DB)	(0kg)	(¥ 4)	(90)	(UEG
	00000	•	¥0.05	2000	*50° 20°	1/6.15	0000	-38.595	93.6
### 17. ***********************************	.030	•	-03.00	.100	-00.054	-74.77	200.	-01.453	-78.5
	090.	•	10.15	002.	162.95-	-35.71	000.	-56.90e	-35.3
1. 1. 1. 1. 1. 1. 1. 1.	060.	•	-66.05	000.	-54.34	-61.65	005.	-54.717	-20.8
	.120		-16.11	004.	147.463	-15,30	1.500	-49.726	-14.5
1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	.150	Ī	-14.63	2000	102.74-	-11.76	1.500	-47.465	-11.0
100 100	.180	-	-10.37	200.	-+7.4da	£4.5E	7.800	-45.655	9.0
100 100	.210	•	-6.73	007.	- tt. 010	75° L-	2.100	-44.153	4.7-
1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	.240	•	19./-	200.	-46.744	-6.07	004.V	146.86V	10.
100 100	.270	•	-6.71	201.	1.637	-6.02	4.700	747.14-	4.0.
-38,400	300	•	44.0-	1.000	240.0*-	-5, J5	3.000	-40.757	6.41
33.447	330		T to * C =	701.1	-37.17	4.01	3.300	-34.86/	1.4.
31.11 1.45 1.300 1.30.24 1.300 1.30.24 1.300 1.30.35 1.300	.360		64.43	7.700	-36.471	-4.37	3.600	*30.4c-	0.4.
-30.000 -4.16 -0.3.96 -3.16 -0.000 -3.10 -	390		64.13	1.300	-38.238	-4.00	3.900	-38.321	-3.7
130.420	.420		B1	204.1	-37.564	-3.08	4.600	149.25-	1.5.4
133.86c	.450		-3.05	1.500	-36.436	14.5-	4.500	-37.010	- 5.
33.55.5 - 3.	.480		-3.63	1.000	-36.352	-3.17	4.000	-36.423	6.7
33.545	.510		34.4	70/01	-J5.8U5	14.5-	2.100	478 CC-	-6.7
33.542	.540		-3.40	7.000	-35.292	-2.78	304.0	-35.358	5.5
33.40	.570		70.5-	1.400	-34.807	-4.64	5.700	178.45-	4.7-
-3.4974 -3.497	.600		-4.86	7.000	¥45.45-	-4.47	0000	114.40-	-4.2
-34,05+ -34,05	.630	١	-4.71	701.7	414.55-	-2.34	6.300	-33.974	.4.
-34.050 -36.054 -3.5000 -3.5000 -3.5000 -3.5000 -3.5000 -3.5000 -3.5000 -3.5000	.660		*C.54	4.500	104.66-	-4.44	0.000	13.560	0.0
-34.676	90		74.40	2.300	-33.107	-4.11	0.4.0	-33.164	ŏ•7-
33.430	120		ځ د ، ۲۰	7.400	-36.731	-4.01	1.600	-36.781	- 1.B
131.575	. 750		57.7	7.500	-36,371	-1.36	7.500	-36.425	-1.7
-30.401	96/•	•	-4.15	7000	-36.026	19.1-	7.800	-32.07%	9-1-
30.451 1.44 2.400 11.36 1.405 13.426 1.306 1.405 1.306 1.3	0 T R	٠	-4.07	7.700	549.15-	-1.76	,.100	-31.747	9-1-
-30.000 -31.070 -31.070 -31.120 -31.120 -31.120 -31.20 -31.20 -31.120 -31.20 -31.120 -31.120 -31.20 -31.20 -31.120 -31.20	248	44.98-	۸۸ • T –	7.00.7	-31,376	40.1-	3.400	-31.428	-1.5
	200	10.00	7.1	2000	0	٥	۲.	-31.120	
-20.500 -1.30		- 30.33		000.5	-30.74	S.))	130.824	
-27.630 -1.55 -1.50 -1.5	,	(
- 20.900 - 1.34	0000	•	1.20	3.500	044 47-	٥٠ ٠ ١ -	16.500	-CA**KJ-	1-1-
-20,000 -1:10 4:500 -6:40 13.000 -6:347 -60 13.000 -6:340 -6:40 13.500 -6:40 13.000	207.1		45 . 4 .	300	267°27-	-1:1:	16.000	~68.343	1.0
225-526	055.			4.500	- -</td <td>2</td> <td>13.500</td> <td>-67.347</td> <td>I.</td>	2	13.500	-67.347	I.
-23.526 -393 5.500 -65.645 -75 16.500 -65.686 -62.545 -75 16.500 -65.686 -62.545 -75 16.500 -65.686 -62.545 -75 16.500 -64.984 -62.545 -75 16.500 -64.984 -62.545 -75 16.500 -63.73 -64.545 -75 16.500 -63.73 -64.565 -65.500 -66.73 -65.500 -66.73 -66.500 -66.73 -66.500 -66.73 -66.500 -66.73 -66.500 -66.73 -66.500 -66.73 -66.500 -66.73 -66.500 -66.73 -66.500 -66.75 -66.500 -6	000		40.1-	000.0	124.32-	10.	15.000	-46.467	~
-23.50	050.		2.4.	2.500	ţ	-, 75	16.500	-42.686	
-2.5.910// 5.50054.314500 19.50064.344 -2.5.54070	000		* · ·	000	-64.443	10	18.000	186.70	Ď.
-24.54470	200			5.000	405 · 401	00.	14.500	74C.37-	5
-26.601460 6.0103.24949 6.5.0003.249 -26.43460 6.000 -26.73144 64.000 -26.770 -21.60355 6.000 -21.69137 27.000 -21.930 -21.11/40 9.00 -21.52334 27.000 -21.950	001.7		o	200.	-63,134	¥C	000° (>	-63,773	4.1
-26.43400	065.2		. t.	1.500	*U2.62-	, ,	26.500	-63.247	1
	004.7		00.1	9.000	-46.131	1.1	000.47	-cc.77v	Ť
-21.46051 y.000 -61.64157 27.600 -61.430 -21.11/40 y.500 -61.56354 24.500 -61.563	055.7		34.	2000	262.22	77.1	45.500	-44.334	~
-21.11/+0 y.500 -61.56334 <6.500 -61.563	2.700		14.	7000	148.12-	٦, 37	72.000	() - A)	
	2.850							, , ,	

Table 16. Radial Electric Field, Frequency = 0.1 MHz, VED Height = 4495,20 m

1000 -50.494 -10.00	ME IGHT		PHASE	HE JUIT	A	PHASE	nt lon	A	PHASE
100	(E 4)	•	(nt c)	Đ.	(au)	(UE G)	(F.F.	(OB)	(UEG)
100		ָ הַ	20.	30.0	ď	-100.70	0000	3.0	10
100 100	200	֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓	0/ 1/5-	37.	Ď.	-60.31	005.	-00.463	-73.54
1150			22.01	200	'n	64,26-	.000	-26.151	-32.4(
100 1 10 10 10 10 10 10		7	10.0	2000	- 00.08b	-41.64	005.	147.76-	-21.52
110				001	170.81-	-15.58	7.600	204.71	-15.21
130	001		10./-	220.	-40.011	-14.64	1.500	-41.213	-11.67
270			90.00	30.	۱۹	<0.01-	1.800	249.647	7.7
1300 - 20, 17.24	27.0		.7.65	007.	_	76.0-	4.100	-43.483	-/-B
330	3		- × · · · ·	308.	-41.773	-7.37	7.400	-*4.726	-0.76
3300 -3-5-6-7 1-100 -3-777 -3-60 3-100 -3-5-6-7 3-300 -3	2		73.51	20 J.	-+0.718	-6.50	2.700	1.627	-2.90
1310	200		00.41	000.1	-34.776	-5.80	3.000	1.60.0	6.0
3.50	130		-3.65	1.100	-16.431	-5.63	3.300	105.77V	4
3990 - 31,574	360		جلاء د -	1.400	-38.161	-4.70	0000	45.45	70.4
\$50 -31, \$75 - 4, \$10 - 30, \$10 - 4, \$10 - 30,	.390		-3.10	1.300	-37.455	15.4-	3.400	146.85	1
\$50 -31.495	.420		-4. ob	7.400	-36.404	50.41	00200	-27.545	-
1480 - 31, 149, 149, 149, 149, 149, 149, 149, 14	.450		11.7-	1.500	-36.200	-3.74	4.500	-16.978	1
1510 - 10.591 1.070	.480		64.2	1.000	125.637	17.48	220	104.401	
\$500 -30.440 -3.4151 -2.49 -3.60 -3.4945 -3.60	.510		-6.34	1.700	111.56-	13.60	200	1011	1
\$70 -2**994 -4.14 -4.415 -2.49 -4.445 -4.04 -4.445 -4.03 -2.49 -4.445 -4.03 -2.49 -4.445 -4.03 -2.49 -4.445 -4.03 -2.49 -4.445 -4.03 -2.49 -4.445 -4.03 -2.49 -4.445 -4.03 -2.49	.540		-4.46	1.800	-34.017	90.6	1	100.00	
10 -2 -2 -2 -2 -2 -2 -2 -	.570		-4.14	1.400	161.46-	70.7-	20.7	3 3 3 3 3	
\$ 50 -2 - 10 - 10 - 10 - 10 - 10 - 10 - 10	009.		10.04	0000	-13.7.7			360.77	***
0.00 - 2 - 1.00 - 2 -	.630		-1.56	001.2	-33.634	2000		70.41	9
3.00 - 20 - 10 - 10 - 10 - 10 - 10 - 10 -	.660		-1.00	2.200	780.75-			7 7 7	
7.720 -2.2.100 - 2.2.100 -	.690		-1.10	4.300	-36.56	-2.33	37.0	7 47 7 7 1	
7.50 - 27.000 - 1.000 - 21.000 - 21.000 - 2.00	.720		-1.70	7.400	-36.164	-6.63	7.000	144.77	74
7.00 - 27.40 - 1.10 - 1	. 750		10.11	7.500	-31.466	-2.13	7.500	76.6.75	
2410 -2-1-16 1-16 1-16 1-1-16 1	780		1.35	7.500	151.454	£0.7-	7.600	402.20-	
100 - 20 - 10 - 10 - 10 - 10 - 10 - 10 -	2		76.1.	4.700	181.10-	-1.45	20.4.0	368.77-	7
0.00 - 20-11-0	040		-1.47	7.000	199.06-	1001-	204.00	*	4 4 4
0.00	9 70	,	7.1.	204.7	7	-1.00	6.700	g	45
1.50 -24.75.))	i	-1.37	3.000	, ,	-1.13	3	٠.	-1.40
100 -24.75. 1.10 3.300 -27.005. 1.43 10.500 -24.78. 1.350 -24.75. 1.10 1.10 1.200 -27.78. 1.10 1.10 1.200 -27.79.									
	1.050		7	מטכינ	5	1		3	-
350 - 26.9396	002-1		-	9 3			•	60.	71:1-
.500 -22.133	1.350)	3 7 7	20.00	7 7 7	000.01	167.03	3
100 -21	1.500			200.0	1	· ;	000.01	# NO	
1900 - 20.01/ - 10 0.000 - 20.01/ - 14 10.000 - 20.01/ - 10/ 10.000 - 20.01/ - 10/ 10.000 - 20.01/ - 10/ 10.000 - 20.01/ - 10/ 10.000 - 20.01/ - 10/ 10.000 - 20.01/ - 10/ 10.000 - 20.	1.650			200	400		000.01	601	. 65
.950 -20.6(1) -00.000 -6.000 -	1.300		- 70	222	2011	7	000	756.93	
100 - 17,174 - 100 - 17,174 - 10	054.1			4			0	CF0.03-	1
.250 -19.360 -15.2 10.1 11.2 11.2 12	000		į	2 2 2 2	10.43	0	005.41	100.00	34.1
100 - 10-175	050				7		000.17	-42.ch	40.1
-556 -18:009 -25:000 -23:0099 -50		1	3 .	000	461.47-	٠,٠	64.500	366.47-	92
1.30	1	7		2000	**D.C.	٠. الر••	44.000	-c4.74e	22.5
709°43' 700°47' 74'	2000) ()	000.0	-63.160	**	2000	-44.668	
101-101 37-101 31-1 010-001 CON-1 CON-1 CON-1 OCC-	00.0	7		333.	3	71.1	2/1000	409.47	-113

Table 17. Radial Electric Field (Sea Water), Frequency = 1.0 MHz, VED Height = 0.00 m

	B.C AM L	S.C. AM CORNERSOR		LOVO KM CORNERSOR	OMNKANGE		34.0 KM U	COANTACT		100.0 KM U	COBNEANCE
ne IGHT	Ą	FNASE	חלר [ניח]		PHASE	nt Ion1		FABSE	15.1	Ą	714
(x)	20)	(50)	3 4		(0,0,0)	(8.4)		(050)	3	(20)	(010)
000000	100.00-	33.60	20000	176.84-	-41.70	33.	246,84	5	00000	10.000	144.01
€003	-50.621	-164.30	010.	-	126.40	250.	-	-123.71	.100	101.00	-130.14
9000	-51.50	-10p.1c	020.		-108,15	000.	-	-111.46	002.	-54.838	-117.84
600.	-5000	-42.47	250.		-65,35	340.		-61.44	.300	1/8.55-	17.16.
• (12	-50.740	-63.46	240.		46450-	021.	-	-64.3b	004.	-54.24-	-04.17
510.	705.44	21.01.	300.	•	143.04	707.	•	54.1.	000.	-50.000	54.5
. 18	-47.003	-31.00	700.		04.60-	707.		36.06-	900	140.1+0	-34.13
.021	-40.0/0	JV. 74	3/0.		-30,64	017.		-21.27	.700	BCB. 94-	-66.44
•624	100.44-	40.67-	000.		762.67	0 \$ 7 *		92.42-	.000	-45.630	-66.23
150.	177.71	76.06	3,00		-61.54	0/2.	-	-20.68	205.	45.834	-10.88
.030	246.600	-19.43	701.		-16.75	. 300		35.27-	1.000	-44.016	110.41
.033	152.14-	57./1-	.110		-10.04	055.		04.01-	001-1	466.14-	15.41-
9€0•	140.340	12.30	771.		14.41-	2000		-14.24	1.000	140.507	10.51-
• 039	+34.5UV	-13.87	051.		10.04	040.		-16.50	1.300	-14.043	19.11-
2. 0.	-30./44	-14.08	⊃ 1 ••		-16.34	201.	•	-11.70	1.400	-30.347	-10.81
() ·	Y50.05-	-11.00	151.		or . ! ! -	.4°		-10.84	1.500	-10,100	~F.F.
D	-37.365	70.01-	100		75.01-	5 10 10	-	40.01-	1.500	144.15-	47.60
150.	-30.113	110.00	21.		20.71	015.	-	-4.36	1.700	-30.02-	50.0-
•056	-30.60*	ワオ・ハー	• I a	-	~ 1 . 7 -	0,40	•	-0.75	1.800	-30.677	-6.14
57	-35,06/	98.0-	34.		10.6-	2/4.	•	£2.0-	1.700	-35.731	-7.60
000.	-32.161	-0.30	200		-0.14	900		11.1-	2.000	-30.615	-1.64
63	-34.006	16.7-	217.		-7.05	050.		-1.35	001-2	-34.128	10.0-
. 56	-3**660	1.50	722.		₹ ₹₹	000	-	£7.01	2.200	-34.601	-6.5¢
690	+330/9/	-1-13	A£>•		24.01	3,0.		10.0-	7.300	-33.030	*0.6
570.	-31.165	0.0	ッ すい・		-6.01	. 100		-0.34	4.400	54065-	14.5.
. 75	-36.796	-0.5U	JC 2.		-6.34	.750		0.00	Z.500	-33.016	.5.73
. 7.9	-36.610	77.0-	192.		¢0.6-	.700		10.0-	4.600	-32.036	UC.C.
197.	-36.63	14.0-	0/20		46.4-	270.		₹.5.	2.700	-34.214	45.6-
3 90.	F38 - 18-	-2.74	7 D V •		5¢.c-	• 0 •		-5.3b	7000	-31.923	76.4
76.	-31.5/6	75.6-	3×0.		٦٤،٥-	7/0.		-2.16	000.0	195.16-	74.75
050.	-31.650	25.36	00E.		-5.17	3 7.		D	3.000	-31.654	-4.10
105	-24.060	200	455	-64.615	27.4-	J. O.	118.47-	7.7.	3.500	¥00°*>-	97.4
1.20	-20,000	35.50	707.	-60.273	100	1000	-60.574	74.5	750	264.306	- 4. 5d
. 135	-67.465	17.64	044.	204.12-	3,36	1.300	184017-	-3.67	000.	104.12-	7.1.47
. 150	-20.563	- 3.60	700.	-46.546	10.6-	1.500	-66.55	14.7-	2000	-66.518	-7.00
.155	-22.057	-4.72	944.	199.62-	-6.73	1.650	-65.657	14.7-	5.500	440.45-	.4.03
1.80	-24.012	44.2-	999	-64.876	K#*7-	7.000	764.07	-6.45	9.000	0/0.42-	24.7-
561.	151.42-	cr. • 7 -	969.	-64.158	JC - 7-	7.550	-24.156	-6.2b	005.0	-4.154	-6.66
977.	-23.430	-6.17	200.	-63.63-	-4.13	<.100	244.62-	01.2-	7.000	-63.446	40.0-
\$55.	-54.00.	20.2-	120	-46.994	55.II	4.650	-42.886	45.1-	1.500	-42.880	CF.1-
047.	-46.37.	36.41	300.		-1.00	7.400	-66.316	19.7.	3.000	-<<.310	-1.03
557	10/17	٥,٠١٠	300	-61./00	-1.75	4.550	-61.177	-1.74	9.500	-41.117	-1.73
200	007.17	0)))	162-12-	99.1-	20/00	-61.276	-1-64	703.7	-<1.217	*0.1.
200	F 20 - 3 7 -	×0.4	30.	-CU-808	1.5	2000	100.00	-1.56	200.0	-40.00	-1.55
•	707.47.	15.1-	3	-60.303	r	3.000	-<1.361	£	10.000	-40.300	1.50

Table 18. Radial Electric Field (Sea Water), Frequency = 1.0 MHz, VED Height = 224.76 m

	3.0 AM DOWNKANGE	OWNERNCE		10.0 KM DOWNHANGE	OWNEANCE		BUT KM DOBNEANGE	OBNEANGE		100.0 KM DOMNKANGE	OBNEANCE
# IGHT	Ĭ	PHASE	HE JUHT	AMP	FIAS	TE ICAL	Ą	4 7 4	MF TGHT	A	7
£¥.	9	(Of 6)	(XX)	(90)	(04.6)	Ĩ	(00)	(DEG)	E	(80)	(0.40)
•	40.00	-150.45	2000	740.B1-	90.44-	00000	-*8.673	97	000.0	£17.84-	7.45
E00.	64.44.	10101	010.	-50.156	-118.54	.030	->0.47¢	-126.59	.100	-50.025	-134.68
	47.5/0	-63.34	929.	101.14-	-100°C4	.000	026.Ic-	-108.25	.200	-54.461	-116.32
_	776.04-	-66.73	ogo.	-51.21	-74.56))	-52.427	-d>.05	0000	-53.835	7.70-
	47.105	-53.34	240.	165.00-	44.00-	.140	105.16-	-63.13	007.	-54.486	-63.4
•	40.460	-43.64	JC0.	-40.734	-47.17	150	168.64	-47.00	.500	-50.000	-45.0
•	440.044	-32.94	. 000	191.2	14.76-	797.	140.04	-30.36	0000	-48.771	9.55-
•	400.04	カナ・フィー	0,00	-45.670	-30.74	017.	-* b. 380	-27.20	. 700	116.04-	2.03-
	411.24	-60.33	000.	156.34-	-45.86	047.	-44.91B	12.42-	009.	-45,300	-41.7
	41.013	-43.11	3,70	-4.4.135	11.77	177.	54.5	100	907	4-2-4-	-
.030	-40.760	44.33	001.	950.54	14.7	005.	14/14	7.95	000	V 1 7 4 -	1
	37.00	-10.47	= -	7 7 7			477				
	100	7. 4						21.01	201.	2001	N
	31.	1	2	100	7	000	0.0	£0.*!	002.1	000	777
	10000	30.00	•	760.60-	13.97	245.	170.65	-14.65	1.300	167.65-	-11.
	160.15	- ·	0 .	170.040	-15.74	274.	100.00-	-11.51	7.400	-39.005	-10.5
	3/.110	<0 °F 1 -	.150	-31.964	-11.70	400	-38.143	-10.54	1.500	-34.279	.4.
- 840.	-30.466	-16.14	101.	-37.324	10.01-	. 400	-37.535	-7.72	1.600	-37.60B	4.6.0
	35.0/0	-11.34	.170	-36.729	-10.04	.510	-30.924		1.700	-30.446	7.8.
	35.34/	10.01-	097.	-30.171	-4.37	045.	-36.352		1.800	-30.400	.7.
- 150	-34.053	10.01-	047.	-35.047	-0.17	0/5.	-15.615		1.500	-35.862	0.7.
- 097	34.300	14.41	907.	-351.56	47.6-	0000	135.310		000	[45.45]	4
	-33.946	4.4	012.	100.15-	-7.77	0000	-14.833	-0.03	7.100	700.46	1
- 990.	33.360	-0.50	0220	- 34.741		944	- J4. 34.		000-6	- 34.41	1
	-33.110	70°0-	06.70	7 (0 177	5	7	1			1	1
•	.34.133	-7.71	73/	7 14.4	4	770	1 4 5 6 6		2 4		1
•	37. 350	4			9 4	7			201	200000000000000000000000000000000000000	7 : n
		. ~			N :		1		000.7	23.10	20.0
0.00	27.4	0 4	70.4	000.75	00.0	00.	19/ 07		7.600	108.25-	D. 11
				-35.314		210.	176.464		7.00	-36.443	0.11
) CC - 15.	01.0	287.	926.15-	-5.43	.040	-36.084	-4·8J	7.800	-36.054	14.4
	-31.13/	-0.63	242.	750.15-	-5.6	20.	-21.75		2.700	31.70	7.4.
	36.735	30.0-	005.	-31.340	₹0 . ¢-	00%	-11.43b		3.000	-31.453	01.4-
•	29.3/4	-2.04	350	464.47-	-4-18	1.050	130.00	74	3.500	-30,041	7.7
•	-20.667	-4.33	204.	747-07-	40.5-	1.500	7.68.87	71.5-	2000	-20.92	7
٠	-27.156	-3.78	.450	-27.707	50.5	טכניו	-61.175	34.74	005	-71.74	``
	-20.303	40.0-	004.	-<6.797	10.2-	1.500	-46.8bb	-2.34	000	-20,407	
-	-25.500	45.7-	966.	707.57-	4	200	47. 114.	41.7		14.0	1
	-24.194	07.2-	270.	-45.465	¥0.7-	200	155.421		200	***	
	-24.140	-6.45	950.	-64.013	-1.00	1.50	74.666	-1.663	004.4	-/4.57	
	23.504	*2.5-	. 700	-64.023	10.01	4.10v	-64.073	4.4.	0000	000.47-	
	-23.065-	50.7-	UC7.	-63.484	24.1-	UC > >	-63.534		005.7	- 43.341	1
•	-24.540	35.1-	220.	-66.443	46.1-	7.400	743.046	E	000.0	-43.045	
٠	-24.053	-1.75	.000	-42.545	-1.26	UCC. >	-64.59	-1-17	000	- V - D - D	
	-21.003	-1.63	300.	-66.134	-1.15	207.7	-64.184	,		3 2	
·	-21.307	75.1-	UC4.	-<1.758	₹0 • 1 -	UC8.7	-41.806	- 47	20.7	V	•
300	-20.701	74.1-	300.	-61.414	0,	200	199.17-	, ,	000-01	7 4 4 7 7	,
					,						•

Table 19. Radial Electric Field (Sea Water), Frequency = 1.0 MHz, VED Height = 449.52 m

			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,								
I SHI	Į	3	Je John	Ā	7	100	M	40.0	100	3	1
(¥	(00)	(UE 6)	(A.A.)	(00)	(0.40)	£	(DB)	(UEG)	1	(10)	(540)
000.0	140.540	14	000.0	-48.68	77.45	000	-46.734	-4.44	000.0	アテト・ロナー	*/ • [CT -
.003	-47.630	96.14-	010.	644.44-	-78.17	060.	-50.584	-110.77	001.	-50.831	-131
900	-45.346	24.00	n>n•	244.44	-00.22	000.	-21.350	-100.30	007.	-54.117	-113.65
600	74.04-	-33.46	0 50.	760.04-	-63.85		710010-	-17.17	005.	155.66-	-67.
.12	161.11	50.12-	040.	VU4.) **	14.00-	.160	-20.417	-60.30	004.	-54.356	-66.50
0.15	760.04-	19.77-	000.	440.04-	17.11.	J>0	144.040	-46.30	004.	-50.647	144.00
0.18	-37.040	50.41-	000.	0/1.44-	17.17.	.100	242.242	-30.03	200.	-40.645	-33.
120	-37.510	-10.74	070.	252.54-	*T. 67-	.610	247.54-	-23.83	00/.	240.04-	-49.
75°C	-36.05-	-10.01-	089.	204.74-	-62.19	747.	114.440	14.47	000	742.64-	-61.13
150	-35.701	14.61-	3×3·	-41.384	-42.11	0/20	3.240	-21.35	005.	-45.43C	-14
030	141.45-	12.21-	• 1 00	754.04-	-17.65	779.	-44.160	*4.01-	1.000	-42.140	-15
033	140.46-	-11.63	011.	300.45-	CQ*11-	.330	1.1d	10.46	1.100	-41.685	-13.
1,36	170.05-	CF . 0 1-	.140	-78.87-	-16.00	200.	-40.307	+0.41-	002.1	1+1.04-	-16.
039	-35.043	10.4-	or i.	-20.040	-14.02	345.	230.46-	13.20	005.1	-34,488	-11
240	-36.440	10.10	.140	164076-	17.61-	774.	-38.766	****	004.	111111	7
0.45	-31.077	75.01	061.	-30.011	731/1-	4.	1.00 DH/	75.01-	005.1	777 127-	,
4	-31.340	, , , , ,	1	140.00		3	137.4.7	7	104	- 17 - 74 -	1
150	-30.051	(44)	7/1.	135.684	~~ -> -	3	170.47	7	1 - 700	47.1.46	
0.54	30, 10,	47-	200	350.46.	7	3	- 19 . 40 -	74.0		1	~
7	107.5	10.7	3			17.6	1,1		2 3	200	
,	1						1000		004.	00000	0
200	010.67	07.0	20.	24.640	1 . D	000	C 25. CC -	40.	000.7	190.00-	ė
200	- 63.113	N	012.	918.55-	10.40	200.	24.800	01.	7.100	5/0.05-	ζ.
69	-70.131	70.6-	177.	-33.400	10.61	.000	154.40-	-0.0	2.400	150.05-	ņ
690	-20.000	ac.c-	0£ 20	-33.020	10.7-	160.	-24.027	05.0-	7.360	-34.614	12.14
275	-50.01C	دا. ۱۰	7.40	150.26-	57.1-	.760	177.040	94.0-	004.7	-33.813	*
57.2	-21.006	C1.C1	062.	-16.248	16.0-	00/.	177.50-	-2.64	7.500	744.55-	**
578	105.12-	4.40	102.	-31.466	10.00	.700	-76.56-	-2.30	2.000	-35.034	,
100	-27.033	01.4-	2620	-21.637	-0.36	2000	-32,583	-0.04	2.100	-36.143	;
100.	-50.120	10:4	062.	166.16-	UD.4-	0.0	-34.26	. * * * *	Z-800	-36.417	
. 87	-20.4/1	01.1	047.	-31.035	10.4-	2/0.	CC4.10-	70.4-	004.7	-34.105	
3	-50.190	-4.36	205.	Jes. 120	64.€	300	-31.661	14.41	3.000	108.16-	-3.55
. 105	-24.756	27.6-	30.5	-64.49	10.11	1.00	1.00.156	94.1	4.044	1 (37)	;
120	-23.701	-3.61	2011	124-27-		9971	-64.77	3	2000	1	;
135	٠	14.7-	200	£4.72-	1	200	-60. 370	4 4 4	1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	1 1 1	-
150	•	-6.63	2000	-66.776	77.	7	-67.615	0 1			
591		-6.34	966.	46.137	10.	-	3.47	11.72	1	10	:
160	Ť	20.0	0000	250.050	9) D	/ 44 · 45 ·		200	10.00	
55						, ,	4 1 1 1	\ _ ^ ^) i	400.000	•
0	•	7	20.	10101	0 7 0 7 1 4 1 4 1 4 1 4 1 4 1 4 1 4 1 4 1 4 1	006.1	000	12:1-	000.0	121.02	0
7			2 7			7	0000	00.1		107.62	•
1 0			00.	*****	1	7620	-63.3/3	24.1	000.	767.67	i
3 1	700 6 7	90.1-	2000	KK - + 171	2,150	201	-62.163	55.	222.0	-62.676	i
0.5		/5.1-	2000	120.42	U	JC4.7	-65.030	***	300.2	-42.160	•
2 6	•	5.4. · · · · · · · · · · · · · · · · · ·	33A	103.404	1.34	00/.7	164.471	ر د. -	222.7	111.62-	•
ζ£)	1771011	13.1	֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓	7 7 7 7 1							
					13.1	7.000	DDC * * 7 1	17:-	4.50t	-65,130	•

Table 20. Radial Electric Field (Sea Water), Frequency = 10.0 MHz, VED Height = 0.00 m

	THASE		•	_	•••					10.1- 16		•	•		•	·		11 -11.67	_		17-01- 61			•	•	•	•	_ ~		2/*27- 61		-14.78		-	_		_		50.0-	_	_		
	Ą	(53)	-43.36	10.01-	-47.38	02.14-	-54.77	-14.	JCC . YC-	-55.73	**>°-	144.044		707.0		44.54		٠	٠	٠		٠		•	•	•	•	•		0.00.01	-34.850	(B) - 16-	•	•	٠	٠	•	٠	•	٠	•	•	アヘエ・ー・
	TE LONT	(A.)	0.000	001.	900	2000	004	2004.	200.	30.	000.	004.	000	201		004	1.500	1.600	1.100	1.600	001.1	2000	2.100	V. C UU	2.300	004.2	2000	379.7	001.	0000	3.000	975.5	2000	2000	3.000	2.500	0000	6.500	7.000	1.500	999	d.vc.	2227
	v nA SÉ	(UEG)	-43.28	164.00	161.18	164.63	164.55	24.191	176.75	05-1/1-	-84.70	-30.74	50.62	*****	101.74	44.00-	19.61-	-10.63	-11.47	-11.20	45.01-	-10.03	10.61-	-15.03	٠ <u>٠</u>	4 -	9.51-	¥5.51.	10.0	0 1 0 1	-14.07	-10.75	7.60	-8.30	10.6-	-1.45	-0.4	54.0-	50.0-	-3.64	-5.37	*D *C *	7 7
	Ā	(9O)	765.0*-	-41.595	3. 120	0000	CCU./*-	144.740	-23.627	196.40-	-02.4T4	100.946	001.00		7 40 - 54 -	19.594	146.34-	442.1.	£0£.74-	154.461	120.001	JCK - / C-	-37.300	269.00-	-20.164	765.55	260.66	V 0 . 40 .	1 1 2 2 2 2	7000	75.95	797.16-	118.43-	-c8.585	115.12-	-46,550	149.67	116.42-	-64.20	163.543	-66.736	-66.363	
	ne I on f	EV.	2000	050.	202.	> ·	077.	20.10	101.	217.	210	2	0000	0000	7	177.	Ju.	201.	175.	240.	0/4.	٠ د د د	.630	900.	270.	27.	20.	00.		2.4	22.	1.000	1.600	1.300	1.500	1.650	1.000	1.500	C-100	7.630	7.400	UCC. 2	
	THASE	(UE 6)	110.10	-1/2.00	10.491	10./01-	-103,30	47.0CT-	-151-00	\$0.01.	-124.35	50.501-	10.67	20.10	17:04-	75.45-	+30.14	-41.03	-64.37	-44.63	-41.03	10.41	-14.30	95.71-			10.50	0 . 4		00.5	-16.73	-11.11	10.4-	14.0-	-3.13	-7.40	-6.42	9.40	₹n•0-	40.6-	15.51	*O • C •	
	Ą	(p()	-37.140	0.110	161.14-	-46.385	1.3.160	5.663		-40.110	00**00	DCC . 1C-	V0V-001	10.6	11011		-43.639	6.163	120.1-	-+0.137	134.680	VOU. 01-	-37.730	-37.137	-36.56	100.00	77.00	616.46.	~ 13	ימלינים.	-43.153	-31.304	-44.647	-60.043	266.12-	-66.386	-62.113	-64.933	-122-	264.67-	166.74.0	495 - 22-	
	At 16HT	(A.A.)	20000	010.	20.	25.0	3	oro.	000	0.	0)))	-		351.	041.	061.	100	021.	180	061.	207.	012.	022.	06.7.	7.	000	007	2 1	2 2	2000	יבר.	204.	304.	004.	550	200.	.650	201.	٥٢٠.	000	000	
; ; ; ;	PAASE	(UP 6)	14.51-	70.461-	cv - 1 < 1 -		****	-13/•61	130.07	10.221-	117.00	7.101-	20.7	1	*5.75-	70.71	-+ 3. Ob	-30.97	10.00-	-31.7	00.67-	-40.70	-64.75	-63.07	19.17-	*	17.41	17.01-		*/ .01-	-15.14	-16.58	50.01-	44.4	10.0-	-1.75	-1.15	70.0-	21.0-	.o. /e	10.44	* 1	
	ī	(00)	-30.740	434.565	710.04-	001.1	Kan - 75-	100.04	756.54-	0 .	70.04-	0000	1	177.64	074.44-	JEC . C 7-	770.24-	77/ - 75-	740.041	-40.030	-35-6/1	-30.55	-31.002	-3/.651	20.00	100.00	10.00	1 - 0 - 0 C - 1	36.16	-34-71	-33.301	-34.541	-30.000	-20.136	-21.663	-20.043	-25.105	0/4.42-	-24,645	-23.5/0	766.700	1000	77.00
!	AE IGHT	ž.	000.0	000	300	2.0	710.	٠. د ا	D -	100	* 0.0	20.		96.0	60.0	-642	.045	840.	150.	•024	.057	090	90.	990	• 009	77.75		2		190	060.	501.	.120	.135	• 150	.165	. 150	5.5	012	522.	047	600	

Table 21. Radial Electric Field (Sea Water), Frequency 10.0 MHz, VED Height = 22.48 m

######################################	TO 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	10000000000000000000000000000000000000	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	J. A.	PHASE	1		4SAPG	HE I GR	dwa.	PHASE
		7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	\$ 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	1			Į			. 10.7	
	1 V C F 7 C C C C C C C C C C C C C C C C C	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	2000	ĝ	(UE U)	(£ <)	(DB)	(050)	(FE)	200	(OF G)
	V	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	270.	ナオオ・ブワー	140.10	0000	-*0.55×	-43.07	000.0	CC2.44-	-47.60
	0,7 - 3 - 3,7 - 1,	7,000	777	124.04-	Y0 . YOI -	26.3.	074.7	164.54	001.	46.340	114.70
	1011-100000000000000000000000000000000	60 1 10 10 10 10 10 10 10 10 10 10 10 10		757.71	-100.04	200.	143.440	163.74	002.	+17.84-	114.7
	777777777777777777777777777777777777777	70000000000000000000000000000000000000	050.	-44.074	102.40	つかつ・	-45.226	165.24	.300	-51.540	112.1
	1011-40100001-10101010101010101010101010	7 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	040	44.000	-100.10	.140	147.370	16/.22	004.	-55.110	103.95
	10111111111111111111111111111111111111	70000000000000000000000000000000000000	JU20	214.5+1	1154.48	vel.	-201.06-	170.21	005.	44. 44-	5.
	7, 1, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2,		000.	+71.	-147.04	707.	116.55-	175.77	009*	-54.465	000
	710000000000000000000000000000000000000	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3/3.	1.10.0	-130,00	012.	-00-172	101.47	007.	150.030	1.27
	10100000000000000000000000000000000000	11111111111111111111111111111111111111	202.	176.440	-121,09	047.	-05.440	-86.03	000	250.55-	7.7
	7777 7777 7777 7777 7777 7777	0.0000000000000000000000000000000000000	343.	-31.387	- 100.43	0/70	447.10-	11.	000	440 . 114	~
	7777	1100011	001.	-10.10-	-71.78	227	204.20-	-2/-75	0000	7777	7.41
	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	30011		7	7		7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	24			4
	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7		-	100		2 4	7			101	
	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	7.	00.01	17.	9	2 1	62.12	007.	006.	-
	777777777777777777777777777777777777777	10.01 10.01	0.1.	7 7 7 7	- 7 27 -	27.	004.0	79.6	1,300	* 10°01	1.01-
	727	****	3	705.11	-36,85	274.	*66.5*=	- 8.35	7.400	-4C.277	-07-
	777		961.	945.54-	-28.55	004.	440.7*	-17.31	1.500	450.14-	-15
	107	1 000	707.	-46.437	-63.36	704.	1.62v	-16.43	1.600	-40.760	-15
, , , , , , , , ,	1000	01.10-	021.	707.1	-24.81	014.	199.0	-10.66	1.700	496.65-	-14.88
	02/	-30.00	.100	-40.47	-40.00	040	-34.B33	14.47	1.5000	14. 231	14.40
	07	****	367.	779.46-	51.4	u/ <.	45.0.45		200	-3H. 53.2	-
	,	, Q . C	200	200	17.71	7.0	1,000	, , , , ,	000	777	-
		1000	3 - 1	20.00		2	7.4.7	4	200	11. 11.	
			2						7010		
		77 77	77	700.70	60.01	000.	010.101	11.01.	200	-20.74	20.21-
		34.00	000	C 60 * 20 *	7,	060	716.05	-16.31	Z.300	20.636	-17.
	100	*0 * T -	047.	-30.324	すた。ウィー	٠/د٥	192.484	95.11-	00*°2	-32,765	-11.7
_	100	76./1-	062.	135.800	-13.65	٠٤/٠	101.487	-11.4B	7.500	-45.244	7.17-
	-35.306	90.01-	707.	205.46-	-16.03	.700	120.00-	-11.10	2.000	-34.856	-11.0
•	. 34. 405	54.01-	0/2.	-74.833	-10.01-	٦. •	174.578	10.74	700	454.45-	-10.
•	-34.40/	-10.0B	102.	-24.387	-11.50	310.	-24.158	-10.40	2.800	150.45-	-10.37
.087 -34.	-34.044	-14.36	3.7.	-13.468	40 · 1 7 -	۰۵/۵	-23.758	-10.08	006*2	-33.646	-10.05
	30.000	10.1.	300.	195.55-	-10.00	00%	-33.377	-4.77	3.000	-33.277	4.75
٠	131.03/	-10.45	J68.	-31.818	. 4.4.	1.050	769.10-	64.0-	4.500	131.661	4
•	-30.454	10.4-	004.	-30.385	-7.60	1.600	-30.300	-1.35	000	-30.272	-7.33
	-220062-	1/./-	963.	-64.175	-6.67	1.350	-64,123	-0.40	4.500	-24,101	4.4
•	-20.1/3	-0.00	3000	-60.136	-5.60	1.000	160.07	. 5. 71	000.5	-20.043	,
	-27.651	79.0-	044.	022.12-	47.14	1.650	-67.195	90.0	2.500	-47.185	40.4
	-50.434	11.0 -	000	114.07-	20.4-	1.800	-46° 394	-4.53	000.0	-20.387	-4.51
.195 -25.	-25.100	14.57	.650	-45.669	17.1-	1.450	119.62	-4.05	6.500	-45.672	0.4
	150.62-	11.68	307.	040.62-	17:5-	4.100	-65.031	-3.63	7.000	-25.028	-3.61
•	154.450	-3.0 5	٥٢٠,	754.42-	-3.33	VC 2 . 2	-64.440	-3.26	1.500		3.5
	-63.764	-3.48	000.	-63.414	-4.33	004.7	-63.415	-6.43	000.8	-63.913	-2.41
•	52.4.5	C4.7-	9000	-65.434	-6.69	Vec.>	164.62-	-4.62	995.0	-23.430	-4.60
•	-25.336	50.0-	201.	166.77-	-4.41	2.100	484.77-	-4.35	000.6	-42.988	
•	-24.200	46.34	347.	-<2.587	-4.10	J - 8 J	-44,586	-2.10	9.500	-44.505	-2.08
٠	-26.610	-6.14	1.000	-<<.15	-1.92	3.000	-66.217	-1.87	10.000	-44.217	7

Table 22. Radial Electric Field (Sea Water), Frequency = 10.0 MHz, VED Height = 44.95 m

							-		
£	יב ו החו	Ą	PHASE	14. Cal	Ā	, A	145	QH V	4
	ž Ž	(PA)	(O.E. G.)	(F.H)	90)	(000)	(KK)	(PO)	(0)
	30000	104.700	23°231-	3000	148.04-	55.01-	0.000	-44.509	-25.28
	210	1000	104.	200	246.000	165.60	001.	-40.003	117.39
	32.3	140.75	17.461-	9 7	2004	100.40	002	0.030	117.40
	040.	¥51.44.	-155.14	210	-47.631	170.70	004	799005-	100
	360.	246.6	-144.66	067.	-54.338	174.01	3000	159.661	92.20
_	200	7.0.7	-146.05	707.	104.084	-177.83	0000	-60.366	33.20
	2	F/0.01	-131.63	. 410	100.036	-164.41	100.	-56.443	3.58
	00.	7/0.00-	-110.11	247.	198.50-	60.18-	998.	450.56-	-7.18
۰.		20.00-	40.04-	? .	155./6-	-31.75	004.	024.04-	-11.50
001.	3 :	£10.00-	2	77.	37.655	-27.04	300.1	-44.372	-13.34
	3	F 10 . F 1	77.70	25.	77.71	-24.72-	1-100	140.700	-14.00
	2	507.75	10.74-	305.	-47.553	-14.73	1.200	-40. Zdd	-14.21
_	3	177.01-	ワコ・アワー	> n n	-42.787	PR-/1-	1.300	V00 * 14-	-14.00
_	٠,	140.044	-36.05	274.	-46.33+	-10.48	1.400	-46,997	-13.74
	2		166.30	JC4.	101.5	-15-35	1.500	450,54-	-13.34
	ᆽ.	440.74-	10.47	30.	260.2	07.41-	1.000	-41.175	-16.88
	2	20/ -1 *-	-46.13	014.	141.088	-13.57	1.700	140, 388	-12.40
-3c.10 .1dt	Ş	P	-14.75	U+C.	140.245	-16.84	1.800	-37.066	-11.92
	?	-27.487	-18.15	076.	124.485	-14.18	1.900	-37,000	-11.44
	2	192065-	-10.05	000.	-38.78b	-11.50	2.000	-30,361	-10.77
_	2	466.06-	-15.38	0F Q.	-38.147	-11.02	2.100	-37,804	14.01-
۸	2	-37.924	-14.68	799.	-37.556	-10.51	2.200	-31,204	-10.07
•	<u></u>	-37.338	-13.36	.6%0	100.75-	-10.03	2.300	-30,757	.4.00
	ج	-30./93	-14.47	120	170.494	15.F-	2.400	-30.479	-4.64
•	5	-30.403	-11.71	0€6.	-10.05-	-7.15	2.500	-35.628	-8.85
	707	-42.802	-11.04	. / 00	135.566	-4.75	2.600	-35.400	D . t .
	3	c c c c c c c c c c	74.01-	olo.	-25.136	-a.38	4.700	34.45-	-8.13
۰	707	154.451	7.00	040.	-24.734	-0.02	2,800	-34.610	-7.78
•) AC	34,330	دلا . ۲۰	20.	-34.35c	-7.65	004.2	-34,243	-7.40
-13.06	300	151.46-	3.80	204.	190°CC-	-7.35	3.000	-55,693	-7.14
	336	-36.513	10.01	1.050	-36.434	17.0-	3.500	-36,301	-5.76
_	3	-31.200	•c	1.500		PL - 4-		-31,113	10.4-
	Š	141.00-	14.42	1.350	-30.10c	13.80	2000	-30.083	53.65
-5./3	200	102.62	36.6-	1.500	765.637	14.2-	000.0	-47,223	-2.84
	Š	UEC.03-	-4.14	1.650	266.515	-6.24	5.500	-64.506	-2.03
	Š	101.360	<0.5-	1.500	014.12	1.58	000.0	016.77-	11.4.4
	20	-61.431	54.1-	1.350	-41.425	27.	6.500	414-17-	
	200	-67.034	60	4.100	150.12	24	0000	-27.024	177-
47.1.	750	-66.766	34	4.450	-26.722	.11	1.500	-26.718	. 26
	300	-66.504	٠٧٠	204.0	44.07-	.63	000.8	-60.494	. 78
٠,٧	20	-66.360	2.	0000	-66.356	- I - I	8.500	-<6.351	1.2
	2 /	162.02-	12.1	2.700	-60.596	4.65	200.0	-20.200	19.4
	3	4 4 4 4 4		0000	00000	7.	000.0	-46.301	, i
•		,) 4 4	7	, ,	61.1	>>>	145.00	2,40

Table 23. Radial Electric Field (Sea Water), Frquency = 100.0 MHz, VED Height = 0.00 m

1000	ICHT	Liet	72.47	Tr. Lon	Ą	7	ir len	d F	3	The Links	25.0	1
100.00 1	Ñ.	(02)	(0,50)	£	(00)	(5.47)	1	(10)	1 (1)	3	1	100
100. 100.	000	-34.065	45.35	2020	-43.478	-134.83	0000	200.00	4.4.65	00000	0/0-/0-	7.9
10.00	001	-35,634	114.30	£00°	215.44-	00.10	010.	340.10-	57.1c	050.	-0/-01	7.74
11. 10. 11. 10. 10. 10. 10. 10. 10. 10.	005	-35.713	110.69	900.		14.10	020.	156.1c-	27.00	000	010.00-	4.75
1000 1000	E00	30.396	116.71)))	-45.483	64.03		-28.570	41.32	3,50	-01.10-	63.34
1000 1100 1200	100	-31.674	110.74	. 010	-46.715	54.53	340.	10.401	40.50	.160	-05.201	3
11 10 10 10 10 10 10 10	500	-30.031	114.70	570.	595./**	24.10	2000	107.140	40 . 16	.150	-63.012	7.01
	900	176.000	10.211	₽ 1.0.	125.01-	11.00	202.	-58.765	17.70	.100	-61.370	-15.6
	000	-33.06.	112.00	170.	*17.61	01.34	۰, د.	C48.1c-	09.6	0450	-54.063	-60.8
	D (1 P 5	111.15	*20.	140.06-	35.76	.000	-20.544	7.3	047.	100°407	1.42-
	3	177.11	- C 7 . BB	120.	-20.00-	10.04	24.0	-25.066	CB./-	0/2.	155.063	V.C.2-
		524.24-	*000	2000	<10.1c-	34,34	201.	J2.570	50 °5 1 -	005.	CFF.FG-	-47.0
	1	0 1 1 1	0.0		711.10-	20.02	211.	-24.12/	-10.64	086.	010.14-	-47.1
	710	100.11	10.101	950.	0// 005-	C6.45	071.	-JO. 170	-17.27	005.	055.05-	-78.0
	٠ •	700.04-	15.05	¥10.	+11.0C-	14.11	201.	27.500	FU.15-	0,00	201.4.1	-69-
	7 .	707.79	20.07	140.	147.631	30.1	0+7.	966.00-	-24.34	224.	160.011	1.02-
	₹.	7/7:07-	n 0.0 0.0	C#2	140.684	-1.03	UC1.	-47.253	-23.21	. t .	214.04-	-67.3
	610	000	60.36		192./	-6.40	901.		-23.7x	001.	-45.448	-67.1
	ر د	1 10 0 11	29.66	100.	100.304	27.10	0/1.	-45.30*	+1.47-	014.	710.04-	17-
	070	7/00/1	30.44	400.	100.00-	-14.41	.100	124.4	-64.34	045.	017:44-	-67.1
	673	714.01-	V . 47	150.	154.44	24.56	041.	143.604	7***7-	J/ 5.	5 1 4 °F +-	-40
	050	770./**	14.35	000	-43.507	10.01	002.	168.7.	74.47-	0000	-44.000	-40.4
	153	770.07-	3	200.	900.2	-11.50	017.		-64.34	0800	016.11-	-66.1
	770	140.470	ě.	000	000.74	-10.17	022.	514.11	77.47-	100.	-41.674	-45.7
	٠, ١	126.44-	0.5	70°	1.33/	10.01	0F 2.	0.763	-<**05	340.	-40.034	6,47-
	100	000	0	V .	100.01	15.61	047.	110.145	-63.Bh	021.	-40.02	165.0
1000 111 1000 1	()	100.00	74.4	٥,	/20.04-	-17.73	163.	955.45-	-43.64	06%	004.46-	-64.5
13. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.	2 2	707.	62.11-	0	127.46-	77°77	207.	130.540	74.57-	.780	-150.04V	-64.3
30.000 1	200	00000	21.01	70.0	120.05	-40.10	0/2.	170.463	-<3.16	018.	-38.373	-43.9
1000 1000	0 0	-34.900	10.00	300	30F - 56F	C2.02-	•600	-37.456	76.70	040.	-37.8/0	-63.00
	7 0	-33.613	7/	D .	+0/ -/6-	-<0.0>-	063.	-21.463	-24.64	٠٥٠	-37.387	-43.2
33.000 (1.00) (1	2	000.00	73.071	2.0	17.648	_<<	505.	170.4%	-24.37	004.	-30.424	-66.4
33,405												
13.47.4 10.41.	v 35	-35.000	-11.00	£01.	140.441	70.41.	466.	45	211 - 1 6 -	7	1	,
	040	-35.17	15./1-	0.71.	- 33.0 / 3 4	,	1				666	
26.50	045	-36.010	*** 01-	C	-31./41			20110		002.	V	· ·
74.27 12.42	050	-30.034	-10.44	oct.	404.00-	17.7.1	The state of the s	7 * * * * * *	70.7	000	*20*16-	01
-2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2	553	185.82-	יום.כו-	4105	122.63-	10.01-	200.	- 64.175	7 7 7 7	000	V 4 - 2 / 1	
20.00. 00.11. 00.5.15. 00.11. 13.005.15. 00.00. 00.01. 00.01. 00.00. 00.00. 00.00. 00.00. 00.00. 00.00.	090	-20.304	+1.01-	091.	-4c.17e	\$C.C.	114	-CH-124	,	2 1	561.431	20.01
-25555555555555555555.	490	-21.361	14.50	261.	-<1.630	20.41	200	10/1/5-	3	3	027.67	0.1
UND (1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0.70	-20.440	113.04	017.	-46.371	1	7.00	-Ch. 447	7 1		3, 1	
-24.24	0.75	-22.043	10.51-	(77.	-42.004	27.51-	vc/	545.67		27.	140.074	
-24-07 -11.3 - (23) -2-4-134 -16.36 -350 -234 -340 -341 - (23) -341 - (23) -341 -11.34 -11.34 -341 -11.34 -341 -341 -341 -341 -341 -341 -341 -3	0.0	124.45-	-16.76	0.52.	744,000	つん・ノー	200	1/4. HEE	47.7	2011	200	1 1
2007. Della Coc. 2017. DIS. DIS	685	-2** 661	-14.66	467.	-<4.109	98.51	0 0	121.17.	14.71	2 2	0.00	
200721	060	-23.591	-11.70	0/2	404.52	10.77	,	1111	1	0000		7
	56.0	-23.004	40 -11-	507				00000	7	20100	266.62	, , , ,
200 - 10 - 10 - 10 - 10 - 10 - 10 - 10 -	100	-24.450	21.00.33	1000		1		7 / 5 / 7 /		0000	216.22-	1

Table 24. Radial Electric Field (Sea Water), Frequency = 100.0 MHz, VED Height = 2.25 m

1	FTASE	חר ונים	A A	72 AL 75	16 101	A	rdast	ne I bn I	Ą	FIASE
193	(OF G)	(¥ ¥)	(00)	(0,00)	÷	(08)	(UE 6)	(KA)	(90)	(UF 61
-35.54.5	24.10	000	P	19.11.	2000	241.16-	+4.58-	0.000	-66.055	-6.11
-30.10	CK . 271	100.	>-	74.00) T) •	-28.375	24.65	060.	-64.346	56.32
-30.036	161.36	0000	240.04-	12.41	200.	-20.475	24.17	•	-64.446	47.80
110.15-	161.50	.00	440.070	11.00	16.4.	154.45-	55.73	٠,	-040.040	36.36
-30.612	0/-1/1	710.	1.088	3.43	*	£00.001	D0 . K #		-67.1d-	16.48
	161.00	C10.	740.4	12.01	ってつ・	10.13/	34.45	٠٤١٠	100.40-	1.41
-3%./6%	161.43	677.	104.44-	05.57	2000	201.40	<0.11	180	-64.301	12.7-
146.000	160.35	120.	-20.400	04.00	0/0.	-30.84C	1 / 000	012.	-60.014	-16.41
171.11	150.15	*70.	Jen.1c-	24.40	202	296.16-	ر4۰/	747.	106.74-	-15.64
¥60.34	110.75	120.	7.40.10-	12,76	7.7.	-20.0ec	64.	0/2.	-50.010	46./1-
505.64	17./11	0000	756.030	10.00	001.	176.00-	14.04	JUC.	156.45-	-10.03
704.431	1111	.033	cf1.7c-	15.51	211.	13.167	56.0-	066.	-24.814	14.30
*70°C7-	111.34	050.	208.1c-	(0.17	.160	-21.17-	05.01-	300	044.14-	10.61-
100.04-	100.00	¥00.	1<1.10-	14.40	. 4.50	-15.uc-	-14.71	355.	-50.138	26.41-
J41.04-	10.55	240.	-20.684	16.54	37.	146.367	-15.47	774	V4 U . V 4-	-14.
3/3.57-	30.01	40.	776.44-	9.00	767.	-40.00.	14.83	964.	006.74	
£ 40 * 3 C =	10.54	٠ •	-+5.36+	70.7	.400	157.1.	17.40	08**	77.07	3
-51.11/	47.50	100.	146./	16.1-	71.	176.0"	-15.76	015.	40.040	0.51
-54.700	47.40	*CO.	-46.3YD	17.4-	061.	23.440	-13.47	344	*65.64	-18.7
-50.000	13.37	.057	149.6	-0.00	747.	120.44-	-10.01-	075.	C. 4.44-	
またつ。 たまー	46.32	797.	144.548	-1.03	000.	3.850	-10.03	0000	****	-18.04
050.14-	14.17	.003	740.04L	70.4-	.610	45.134	410.45	20.00	-46.316	-17.00
-46.030	9.65	• 000	3.040	74.4-	122.	-16.450	74.61-	000.	-44.307	-17.36
147.170	14.0	,000	146.301	¥C.01-	76.50	100.71	-15.65	360.	£/0.14-	95.91-
7 1 1 1 1 1 1		2/0.	1.11	-11.04	049.	OF! . !	-15.45	. 120	241.072	44.91-
F12073-	-1.13	c/ v.	1.1.005	-11.45	067.	-10.60c	-13.23	. 750	775.01-	-10.2
C4C+2+-	15.5	D 20.	100000	-11.10	003.	240.01-	ハグ・サー-	081.	44.454	-15.87
70/ 17	57.4	700.	~ 7.6°4C-	-11.86	2.4.	*>5.4°-	-14.74	010.	664.66-	-15.5
750.1+-	10.0-	100.	-37.370	17.11.	200.	¥10.891	11:11:	240.	-36.736	-15.17
-40,350	24.0-	2004	-74.40	BK " 17-	0630	-18.535	-14.21	0/0.	134.454	-14.8
-34.007	100/-	37.3.	-76.370	-11.40	222.	210.00-	45.51-	226.	-30,005-	-14.4
-31.000	24.6-	c01.	-36-211	-11.40	Jef.	-36.017	21.51	900	707	2,01
-34. 744	12.4-	.100	-74.435	70.01-	254.	-24.303	42.11-	1.200	¥02.45-	3-7-
-33.600	19.0-	ځد ۱۰	-36.931	14.00	JC4.	-76.844	40.01-	1.350	-36.020	7.01-
-31.090	10.04	061.	000.10-	-3.13	. 560	-31.584	40.00	1.500	-31.504	7
-30.101	-7.54	cq1.	120.06-	-7.83	vc ¢•	-10.470	***	1.050	-30.463	0
199.52-	-0.62	100	-67.538	0.00	0000	アグラ・ブリー	-1.07	7.000	-KY.484	-7-
101.02-	11.0-	, L.	959.62-	-p-10	000	-68.628	-0.64	1.950	-24.620	7.01
156.72-	54.0-	012.	2/9./2-	15.4	.700	7.7.846	-2.47	2.100	-41.840	-5.4
-210000	14.70	(2)	-61.161	-4.15	, l 5v	1-142	91.4-	0<2.5	-41.130	-4.76
-20.564	17.51	247.	126.02-	-4.11	335.	-cp.50#	01.4.	2.400	-46.500	-4.10
-62.310	1. U. VB	ζζ ,	954.67-	20.50	000.	c26.c2_	74.5-	U <<.5	776.67-	13.4
-25,443	£0.05-	0/20	K04.67-	-4.34	307.	-65.399	16.7-	2.700	-45.396	7.5
-74.450	10.7-	507*	164.76	74.40	250	* I * · + > -	-4.31	7.850	976.47-	.4.3
CTC 2-	10.7-	200	199 37	10.11)) 	174.471	94.1-	3.000	-24.474	-1.8
	1	130.000 130.00	######################################		COLUMBANE COLU			144		00012 0001

Table 25. Radial Electric Field (Sea Water), Frequency = 100.0 MHz, VED Height = 4.50 m

HE IGHT	E T	ran St	ne ion?	AM	7447	at Ion	AM	P MASE	At John	AMP	rna SE
ξ.	(00)	(UE G)	(F K)	(pa)	(1) (0)	(ع د	(OB)	(250)	ξ (Σ	(PO)	(DEG)
000	-30,638	135.17	20000	-*>. CBO	-76.15	00000	-00.0C-	15.53	000.0	-68.40B	02.4
100	-30.0/1	111.03	°00.	-40.070	04.10	010.	-54.43c	10.07	080.	アオオ・アロー	66.73
200	-37.56+	136.01	0	110.01-	74.00	• 0 0 0	104.436	64.55	097.	100.40-	56.63
003	-30.500	136.40	.00	1.4.7.	57.10	000.	124.001	60.13	040.	JCC.40-	11.24
+00	-30.7UD	135.01	210.	125.84-	01.60	010.	-c0.87a	JV.50	.120	-64,033	45.37
. 005	-34.043	136.00	¿10.	147.380	90,40	000.	-01.017	44.07	. 15U	-05.129	11.85
907.	124.04-	136.10	910.	-20.401	11.00	000	-00.00-	30.52	.180	-63.630	3.17
, o 0 7	+47.14-	136.50	170.	471.1C-	\$ C C C	2/20	-04.40-	21.34	042.	-60.001	-2.03
B00	-46.163	131.70	*>0.	-51.943	15.10	202.	-D8.445	10.00	047.	-54.118	-5.60
600,	-43.000	131.00	120.	120.26-	40.00	040.	C/4.0c-	10.25	012.	-50.034	-7.10
010	200.44-	173.14	3000	200.66-	22.66	204.	784.46-	14.0	300	*12.cc-	-8.28
110	C41.64-	14.121	5000	dr1.5d-	\$7.73	211.	104.045	00.2	085.	-53.708	14.91
.012	104.01-	164.73	050.	-26.036	14.45	. L A L	-36.695		.360	-54.346	-7.61
.13	571.12	160.86	¥90.	-26.198	30.40	ue 1 .	144.10-	-C.3r	010	140.14-	42.4-
÷1.0.	K + 1 . K + .	114.77	240.	+15.16-	66.93	317.	182.00-	-3.13	024.	144.437	77.66
- 115	-50.06-	100.54	4045	-20.3/3	10.00	VC4.	243.645	17.4-	3000	1つか。です!	CD.4-
917	-51.00	74.56	0+0.	795.64-	16.13	.100	-48.20x	<0.0-	201.	-41.730	-4.00
710	016.25-	18.16	160.	110.400	30,00	21.	-41.683	-3.36	014.	+60.14-	16.9-
D 1 3	-53.663	24.00	100.	054./**	10.0	0 b 1 •	114.01	54.5-	. 540	241.04.	11.9-
٠,١٧	-50.00	10.11	160.	195.9	3.13	141.	210.5	44.6-	n/ ς•	104.54-	-7.82
050	-51.004	31.35	000.	-42.118	6.63	002.	CCB. ***	₹ ₹ •€	000.	100.44-	14.1-
170	340.47-	66.22	202.	124.24-	1.00	?₹₽•	740	C4.0-	30.00	11 20 4/4	-7.06
. 022	240.353	10.50	900.	251.11.	٤.	022.	143.474	42.c-	000.	¥15.514	-6.67
, c ¿ 3	111./	10.21	, co.	-43.484	73.1	.630	740.7	¥0 • C =	040.	00/*2+-	-0.68
,024	044.44-	0.03	2100	979.74-	25.	7.7.	116.644	1 4 . 33	021.	+11.24-	-5.88
. o 25	704 * * * * -	0.40	د/». د	902.24-	97.1-	767.	1.19.1.	14.50	UC 6.	*46,14	K+ *C-
950	127.441	104	٠, د که	170-1	1	000.	451.1.	26.4-	780	050.74-	ソ コ・ハー
.027	143.66	10.0	190.	290.1	4C.1-	0/2.	120.02-	10.0	010.	126.04-	1/:3-
0.25	104.74-	C. 38	, c d t	140.04-	†Q • T -	000.	047.04.	-3.74	010.	/+0.0+-	-4.34
₹ 25	101.10-	100	100.	140.040	-1.63	067.	-27.67	34.5-	2/0.	086.66-	17.44
ે 30	101-12-	1.08	340.	616.46-	15.1-	٥ • •	252.62	-3.13	70ו	-34.133	34.50
35	-30.400	•	<01.	014.15-	20.1	965.	182.1	-4.55	1.050	-31.230	-1.70
040	-30.490	000	021.	135.865	77.		207.56	14.	10000	440.08-	200
590	-34.701	1.13	Cf.1.	-34.518	00.1	.430	755.40-	1.5	065.1	966.45-	1.50
0<0.	+31.134	61.2	u<1.	775.22-	Z.88	0000	342.50-	24.0	1.500	-33.67	3.00
.,55	-36.130	10.5	401.	-36.465	200	J.C.C.	-32,384	4.34	3.656	14.300	1.11
090	-31.760	100	001.	150.15-	5.33	.600	-31.62v	3.74	1.800	¥40.16-	J. 0.
590	-31.656	20.00	3.135	-31.054	10.4	.650	126.361	٧٠٠/	3000	-40. 408	1.63
076	-30./14	1.60	017.	£56.05-	47.0	.100	-30.47c	44.0	C01.2	24.06-	40.0
0.75	-30.671	g.,0	C77.	-10.114	4.00	.750	-30.05-	74.4	4.650	140.06-	10.08
080	ラノス・スシー	10.03	0+7.	CU8.42-	11.14	000.	-64.744	11.44	004.7	-44.126	11.57
.08S	-27.150	10.11	CC2	cbc. r 2-	16.71	UCO.	775.67-	13.05	4.550	+00.42-	13.10
360	-24.033	13.63	0/2.	44.42	74.40	206.	-C7.387	14.77	<.10U	-64.354	14.47
560	-57.50.	5.0		, ,							•
					03.61	066.	745.67	0.0	0000	-64.361	2.0

Table 26. Azimuthal Magnetic Field (Sea Water), Frequency = 0.1 MHz, VED Height = 0.00 m

	ME IGHT	Ĭ	PHASE	ne Lon	A F	70 457	Ht Juni	Ā	7 4 T
100-1 100-	EX.	<u>ر</u> و	•	Ĩ	(00)	(UE 6)	3	(00)	1050
100. 110.	000.0	223.	^	2020	100	-1.63	2000	700-	-4.10
100 100	0.30	100.	^	• 100	•		000.	006	- N - U -
10 10 10 10 10 10 10 10	090	100.	100-	002.	100	-1.41	2000	0.00-	-4.06
10 1 1 1 1 1 1 1 1 1	050	1.00¢	• 0	000.	1.005	-1.60	204.	-, 015	£0.2-
	150	1.000	• • •	004.	970.1	-1.17	٠	010	2.7-
100 100	150	3	•••	JUC.	0000	-1.19	•	024	16.1-
110-1	180	200.1		• • • • •	F 00 *-	-1.17	•	020	•
1000 10	017	100.1		.7 00	011	-1.10	•	067	7
100 100	042.	1	100.	330.	210	c1.1-	7.400	260	7
100. 1	0/2.	0.00	\$0°1	207.	U.S	-1-14	2.7uc	-,030	7
100 100	000	۲. د د د د	10.1	•	015	-1.13	2000	¥50.4-	
100 10 10 10 10 10 10 1	330	000	• 0•	701.1	c.t	-1.12	3.500	046	7
	190	0 2 2 -	• •	1.400	/10	77:7-	3.600	1.045	-1.7
	065.	, , , ,	20.1	1.360	▶ 70 • 1	-1.10	3.400	1 40 *-	1.1.
	• • 50	9000	1.65	1040	7.000	FO . 7 -	4.600	000-	-1.7
100 100	450	900.	20.1	1.500	120	-1.00	4.500	056	74.1-
0.00	084.	N > > * I	79.	1.600	023		***	7.03	14.11
	.510	010.	30.	٦.	0 <-		201.0	/ <0 -	10.
000.000.000.000.000.000.000.000.000.00	•540	010.1	20.	1.000	< 90		2.400	¥40	:
100 100	.570	110.	79	1.5000	020		2.100	190	05.4-
100 100	009.	710	10	2000	120	2	2	- 063	-
000-5-2	.630	210	10	₹.	- 0 C Y		0.00	005	-
000.000.000.000.000.000.000.000.000.00	099.	5 70	70	٠	050	•	0.000	1.007	10.1-
000.472 / 44 000.4	069.	* To • I	900	•	031		4.500	-,000	1.4.4
000.25	02/	t 70.1	. 60	•	036	Y	'n	070	-1.46
000. 1	057.	010.	• •	ú	033	0	ů	2/0	-1.44
00.000, 12	09/•	070.1	¥0.	٥	C 5 D	D	۴	073	-1:41
00.0.4.2	016.			`.	036	/ K • -	₹.	075	76 - 1 -
000.000.000.000.000.000.000.000.000.00) () (٠ ١	ō	150	9	3.	٠٥,	-1.3/
000.45 10.0	0.00	0	٠. ١	•	0.33	٠	2	?	
100 100	006.	670.	•	•	2	1. 1	3	~	-1.30
0.00									
000. 121 00. 101 101 101 101 101 101 101 101 10	3	Š	16	ζ.	•	06.	00001	100	~~~-
000. 1 20. 100. 100. 100. 100. 100. 100.	٠,	000	• > 0	4.000	•	•	12.000	100.1	-
000. 000.	•	250.1	+¢	1.000	•	•	13.500	350.1	
100 - 104 -	ď.	000.1	£0.	000.0	•	•	15.000	0.00	,
100 - 101 -		040.	٦٠٠٠	2.500	•	•	16.500	100	07
00.00 10.00	•	トナン・ト	, v.	٠,	•	•	18.000	₹01°-	į.
	•	USD	7.1.1	ŗ	•	•	14.500	- 1 c	~
4.00 - 0.	•	200.	1.40	?	•	•	_	* T T * -	~-
000.45	٧.	100.	7::-	'n	•	•	0	110	ì
00 - 00 - 00 - 00 - 00 - 00 - 00 - 00	4	`.	C+.	٥.	•		2	-,143	1.5
-700007	٠	3		3,0	7	ů	Š	168	19:-
	`.	5	24.1	2	Ξ.	ņ	د	13	14
000.60 20. 201. 000.4 24. 001. 001.	2.650	-	74.	ī					
100 miles 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1					?	20.	73.500	140	

Table 27. Azimuthal Magnetic Field (Sea Water), Frequency = 0.1 MHz, VED Height = 2247.60 m

Con									
100 100	nt IGHT	i i	ran St	de Lon I	46.4	72.25	ne i ca l	Ā	7 4 7
000-1	(KX)	(na)	(OE 0)	(MY)	(00)	()E ()	(F.S.)	(00)	, JF 6
0001	0000			0000	uze	70.1-	000.0	o£0•-	۲.1.
001	050	661	•	001.	-• UZO	00°T-	000.	035	7
101	090	** 00.6	9	002.	U Z Y	٠,٠	0000	040-	H . 7 -
100 100	040.		01.1	0000	031	1.70	00%	170	P . 1 .
10	.120	+ 70	℃	204.		/ 5	1.600	K+0+1	-1:
100 100	.150	C20"-	₩. T.	200	030	94	1.500	1,054	-1.7
100 100	.180	120		200.	038	C.Y.	7.800	aco	-1.7
100	.<10	020	7	. 700	1.041	***	001.0	063	9.1-
100	0.7.	200.	11.1	200	110.1	. 4.3	004.2	990	-1.66
100	.270	1000	1 . 1	004.	/ +0 *-	76	2.700	073	9.1.
100	006.	CC4	111	1.000	UCD	14	3.000	07/	-1.6
101	•330	077.1	٦. د د	7.100	200.	٦.٠ ا	3.300	7.094	
1001	.360	313.1	٠,4٠	1.500	750	₹₽.	3.000	180	-1.5
100 100	.390	540.1	74.	1.300	100	00.	3.700	240.1	-1.5
10 1	.420	1.04/	7	001.1	100.	67	4.600	050*-	7.7.
100	.450	J C D C	75	1.500	1.004	99.	4.500	103	1.7.
101	.480	100.1	7.46	1.5000	2.01.3	₹8.	1.000	-,100	4.1.
1001	.510) cn •-	74	1./00	110	, a	5.100	-11	- I . 4
1000	.540	100.	7.1	1.600	006	03	3.400	117	6.1-
101	.570	000.	11:1	7.400	100	64	2.100	125	-I-
101	000	3/0	14	2.000	760	19	0.00	161	-
10	.630	0/2	1.1	001.2	7.0	20	305.0	1.13/	
	.660	1.0.1) 1.	002.	102	۲, ۰	0000	143	-1.5
	069.	1.000	01.	00000	100	1.1	004.0	V+1	-1.2
101.	.720	373.1	¥5.4	204.7	114	٠. ره	7.500	155	-1.5
- 101	.750	C 4 7 • -	¥5	000.2	115		1.500	161	-1.2
-110/ -134	. 780	101	1.34	7.000	12h	٠. ره	1.600	166	-
181.	.610	/ 01 • -	77.1	00/-2	136	د/٠-	3.100	174	- 1
- 144 - 145	044.	110	ργ. -	0.	138	/-	004.0	- 181	
	.870	£11.	٠. ٢٩	٠,	145		007.0	7	
- 45.	005.	- 100	٠. ٢٥	3	>c1	14	3	~	
- 131 - 131									
10,000	1.050	121	4	00000	- 10V	•••	10.500	633	0.1-
1,500	200	J07-	ځ د .	2020	636	• •	14.000	-12	· • ·
116.	356.4	040.	*° .	0000	213	20.1	13.500	0 >₹• -	¥.
1,240	0000	****	- 34	2000	166	5¢	10.000	1.5	-:
100.00	1.650	045.	10	∂ 0€•€	340	در	10.500	124	•
1000 - 10	000	o	25.	000.0	104	oc	000-01	× 1 1	¢.
10 10 10 10 10 10 10 10	000	0 1	97:	u∪v.r.	¥10	0	17.500		·.
- 101	001.	* • • • • • • • • • • • • • • • • • • •	17.	0000	3,50	7,43	C1.000	C29	
- 1/41c	062.5		• • • •	2000,	1,0.) † •	26.500	10/	1.1
1.01164 0.50003 0.500037 1.000 1.	204.	17/	C7.	9.00	મેટ	er •-	24.000	197	
194* 009*12 55* 27** 009** 72** 194** 19** 19*** 19*** 19*** 12*** 209***	2.550	110.		3.500	0 7 0 1	۲.	25.500	87	
-1.000 A. 4.500 -1.04030 AB.500 -1.06/	c • 103	, or • -	27.1	2000	7+4.	33	0000/	100	
	055.7								•

Table 28. Azimuthal Magnetic Field (Sea Water), Frequency = 0.1 MHz, VED Height = 4495.20 m

ME IGHT	į	FIRST	7t [Ln]	Ā	7.14.36	1.5 1001	A Y	45.7
(X X	(an)	(JE 6)	(M.Y.)	(20)	(0 %)	;	(00)	2,00
000.0	120.1	34	2000	* £ 0.4-	70.	22.2	303.	70.7-
030	C 20.	32	001.	242.1	10	3200	ccu	-1.60
090.	, ,,,,	36	767.	7 + 0 + 1	80		100.	50.1-
060	1.063	1.31	777.	0101	2.	227.	00.1	-1.60
120	1.036	10	3	100.	10	1.600	473	-1.57
150	0000	16	2000	000.	//-	1.500	190	-1.54
.180	7 70	30.0	2000	100	٠. ره	1.000	1000	[5.7-
• > 10	0 10	10.34	۵۰/۰		:. 13	20102	/ 60	1.4.4
.240	3 ¢ 0 • •) 1.	9000	c/n	1, '-	004.7	-100	44.1-
•270	¥00.	1.30	00 F .	500		001.0	110	74.4
300.	100.	47.1	1.000	T K D • -	14	3.000	377.	77.7-
.330	0,00		001.1	101	/1	3.300	151	-1.37
.360	1.000	٠, ٢	1.660	111	٥/٠-	3.000	73.01	7
390	いたい。	•••	00001	166	.0	201.5	7011-	- L - 3.1
027.	907.	1.60	201.1	+c1	.00	002.4	- 1/2	
•450	/11	02.	1.5000	0.7.	0	0000	7 2 4	47.1
.480	201.1	17.2	200.1	- 100	0	500		
.510	7.1.	17	700	7/1	ί,	201	200	1001
540	151	12	200.1	10101	0	3	2	1
375.	116	17.	207.1	4024	ć	117.5		
.600	101	97.	200.	122		3 2	163.	
.630	10101	• • • •	701.7	630		377		
.660	1 27	1.66	00000	9620-				
969.	1.634		2000	6/2-			100	
.720	163.	57:	004.7	642		2007-7	1 1 1	000
. 750	1170-	52.	2000	0.77		2017		0000
084.	1.53.	5,5	2000	4.		200		70.41
010.	010.	*7**	20/00	707		2 - 4	1	3
043.	240.1	*7.	000.2	107				
029.		*2.	004.7	100	34.1			•
005*	, ac	63	3.000	054.1	\$n	200	1 2 2 1	27.1
1.050)15	37 . -	300.5		,	1	4	
00201	* 00		1000	777			270	
066.1	2.40.1		1000	1 - 1 7	1			0.
004-1	> ~ · ·						206.	
0,5	,		2 2			720.0	561.1	
000				1.36 9	*	220	1.300	
		1	2	100.1	200	200 • ٢	159.1-	7.
		1	000	100.1	• • •	14.500	204.1	33
	/^	:	200	001.7-	63	21.000	-17-5_	
062.5	704.7	1.1.	0000	+00.00	1	000000	156.2	7
305.7	-c./t.c	0.5)) (-/0.7-	io	000.47	-6.36.	
05.	JC1.5-	6,	300.1	-5.630	16	45 £ 40	-3.320	01
00/ - /	100.00	1001	330.6	-3.16.	- 1.3	, (, l, tru	. 1. 1. 1.	4.1.1
							> >	
70.00	1000	3.1.	000.00	117:50	1	220.00	, , , , ,	

Table 30. Azimuthal Magnetic Field (Sea Water), Frequency = 1.0 MHz, VED Height = 224,76 m

								1			
Ļ.	1	7047	164	a Ž	1	1	2	3	1	1	1
(F V)	(ca)	(040)	(WW)	(00)	(0,0)	(£ \)	(C)	(טביי)	(E)	(10)	(5.45)
<u>ر</u>	to	/ # • 7 -	0000	006	-3.10	0000	-100	10.01	200	407.1	11.54
e :	100.	95.1-	010.	1.0.1	-3.15	050.	166	14.0-	001.	002.	-11.66
o :	000.	C#•1-	7V7.	070.	-3.16	200	130	->+ B2	002.	243	1401-
2.1) · ·	77.1-	U 5 U 5	101	YO . O .	343.	₹ • • • • • • • • • • • • • • • • • • •	-2.16	.300	202	*40.5Y
V S	7,7.	77.71	74.	901	-3.00	.160	-, 162	-5.63	004.	-, 318	-10.27
0.3	0	74.1-	200	111.	€0.€-	nc1.	-11/2	-5.53	00¢.	166.	95.4
c -		7,	000	\ 11:-	44.21	701.	18/	-2.44	000.	382	**.66
. .	000	7	0 :	-166	06.2-	012.	VVI • 1	-3,35	.700	404.1	٠٧. على
* *	000	λη • T -	20.	971-	-4.73	047.	211	52.6-	.000	44.45	۰۸- ۱۳.00
	000	46.14	0.40		24.2-	9/2.	666	-0.1h	004.	1.400	-6.77
> r	000	0	o .	. 137	-2.81	000.	233	-2.67	1.600	6/4.	10.40
7 0	760	10.1) T T •		10.7-	, 330	244	14.78	1.100	~ F. T. "	-0.61
ė s	0	-1.30	150	101.	10.2-	795.	درد <i>ی</i>	7. T.	1.200	<1c.	-7.4
ŗ,	221.	cr.1-	05.1.	/51	-4.10	340	592	01.	1.300	066	-7.61
٧ı	107.1	45.1-	057.	103	د/ • /-	274.	273	7	224.	1.344	-7.46
ç i	007.	55.1-	nc (•	163	71.7-	UC 4.	285	50.+-	1.500	900.	-1.17
τ.		-1.36	.100	176	40.5-	100.	CA2	45.54	1.500	*. JOB	10.4
٠ <u>٠</u>	111	16.1-	0/1.	-, 102	12.05	010.	405. -	04.4.	7.00	570-	-6.71
4 (* 166	75.1-	121.	187	-6.03	A+C.	-, 314	-4.37	1.000	1,90,-	54.0
	121	<>-1-	· 1.40	041.	74.00	٠/ د٠	324	14.24	1000	346	12.0-
20	-115	-1.¢	002.	603	15.2-	• 600	333	-4.21	000.7	603	9.00
າ ເ	001.	12.1-	017.	< 1 v	4C.>-	050.	346	-4. I s	Z.100	010	-5.86
0 0	7.1	11.60	. ACD	< 1 /	16.5-	.600	1 45.	4.05	2.200	910	-5.67
7.7	r + + + + + + + + + + + + + + + + + + +	57:1-	• < 30	444	9.7-	.640	J 46 C	15.51	005.2	622	-5.48
v:	cc	۲۰۰۱	047.	< 36	C**>-	97/•	, 36 v	14.50	70400	627	-5.31
2;	101.	-1.64	267.	₹ ₹₹₹	74.7-	۷۲/۰	1.6	-3.92	2.500	634	-5.13
o.	01.	£2.1-	107.	1.54	46.5-	./00	340	-3.75	ბ.ხიე	030	15.21
,	7	-1.66	0/2	cc>•-	-4.30	010.	ر ۷۵۰۰	-3.67	<.700	1.040	18.4-
; ;	101.	17.1-	182.	463	14.51	2,00	104	13.60	7.800	1,044	4.00
	007	02-1-	067.	2/1	-4.31	, a .	-:4]<	64.6-	004.7	2,0.1	14.51
2	661.	51.1	200.	273	-6.68	000	154.	13.65	3.000	2cq	16.37
25	634	د۱۰۱-	oct.	-, 363	c1.5-	2630	- 465	41.45.	202.5	0/4-7	- 7. 7.
0	1/7:-	77.1.	224.	176	-4.04	1.500	016	- C. E.	200	100	. 4. 6.
5	366	00.1-	50 t	774	-1.67	1.350	165	16.2-	005.		8.7
20	1,580	70-1-	004.	9/4	-1.70	1.500	000	-4.33	2000	747	7
.165	177.	D	u cc.	450	90.1-	1.050	664	-4.11	005.5	117	-4.16
06	100.1	* ·	200.	004	٠١.5٥	1.800	740	-1.92	0000	026.	7.1
٠ د د	.5/5	٥ ١	000	1.00-	9.1-	1.950	783	-1.74	0000	900.	10.1-
0 0	•	90.	.700	-, 744	-1.30	7 . 1 00	1 CR	95.1-	7.000	-, 125	15.1-
€:	/ 2 >	79	Je7.	863	-1.27	4.630	454	-1.43	7.500	787.1	-1.35
9	C10	٠. ره	996.	415	-1.10	204.7	100.1-	-1.30	000.0	-1.000	-1.20
	006.	3 .	0<0.	-1.005	-1.10	UCC. 2	-1.080	91.1-	3.50c	-1.137	-1.08
2 1	+	7.	004.	-1.10	-1.02	2.700	-1.17	-1.07	000.4	-1.222	
J.	-										
		•	200	-1.404	***	2.B5U	-1.276	L. 7.	9.500	-1.313	10

Table 29. Azimuthal Magnetic Field (Sea Water), Frequency = 1.0 MHz, VED Height = 0.00 m

ے ا				,						
	FHASE	יוב ניחו	1	77. UE	זרט! שת	ANT	FURSE	7E 1641	4	FHASE
	(05.0)	€	(50)	(5,30)	(a.e)	(90)	(JE 6)	(¥ (¥	(50)	(ot 6)
	71.71););	000.1	D0 • 5 -)))	7.10	27.0-	000.0	CCD	-12.20
		2 3	1 5	00.0	0 0	750.	20.0	001	201	7.
	71.7-	350.	200.1	2, 1,		, 50	40.0	005.	7 7	20.11-
	10.07	212	170.1	-3.13	12r	2/2-1	40.	000	277	77.0
_	P	200.	066	-3.16	uc1.	190	-0.64	004.	002.	-10.68
_	10.2-			10.01	041.	5.0.	·0.15	.000	002	-10.37
	-4. vt	0/0.	037	-3.00	012.	103	40.00	007.	306	-10.07
2	C0.7-	202.	7 70 . 1	10.1-	0+2+	11	17.01	200.	330	11.6-
n	10.01	つかな・	7. U.T	¥0.45.	0/7.	163	10.0.	つつト・	100	17.10
o.	-6.03	201.	* 40.	3.30	705.	257.	-2.18	000.	016	₹7. ₹1
n	20.00	011.	£ 45	£4.0-	000.	1 + 1 • -	40.0.	1.100	7.967	-8.36
,	10.7-	n>1.	000.	15.00	005.	J-150	-0.60	1.500	70+	-0.03
,	20.2-	061.	000.	13.41	340.	150	14.6-	1.300	7,417	10.37
ŭ	77.71	041.	003	11.4	.460	165	24.6	004.1	466	-4.13
2	D4 • 7 -	757.	190.	74.6-	400	116	60.00	1.500	957.	-7.85
n	75.1-	007.	2.010	-3.18	1.	·1.7	47.6.	200.1	1 1 1 1	-1.04
٥.	96.1-	0/1.	1/0.1	حد • د -	014.	105	-3. ib	1./00	164	-7.43
_	CK • T =	201.	1.0.1	- 1.36	340	161.1	40.C-	7.400	95**-	-7.19
,	C4.1-	つか つ・		13.64	0/0.	\ \rangle 1.4.	77.1	004.1	104	14.0-
2	46.6	74	00.	-3.60	• 600	202	[]	2000	101.1	-6.11
,	14.45	017.	000.	-3.63	0000	102.	50.00	<.100	104	10.0-
2	76.1-	r27*	1.001	13.40	• 000	2.616	c1.+-	2.600	, O† • i	-6.3/
000.	76.1-	063.	1.040	-3.11	JK 9.	- KIC	79.4-	7.300	0/4	-6-14
۰ و)	> ·	C.K.D.	, J. 1.	121.		14.41	204.7	1/7	10.0-
_	40.1-	467.	340.	-3.1	, (53	c77.	14.2	7.500	1/7	10.01
r	00 · 1	707.	7 7 · ·	07.5	001.	ZZE	14.47	<.tu	7,40-	10.6-
,	0.1-	0/2.	50 T.	3.65	015	636	15.00	C./.>	404.1	75.5-
J	00.1	002.	٠ - ا	20 •€ -	2 1 0 0	635	14. 50	4.500	707.	5.30
า	C2•1-	062.		00°5'-	0/0	7. ∠3€	50.41	204.2	C 9+ • •	77.5-
h	***	5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	111	\^ · \	٠ ١	1.50	٠; ·	3.000	1.403	an • c -
350.	00.1-	der.	-1166	-6.03	1.050	1.656	54.6-	3.500	7 + 7 - 1	14.40
٠.	0/.7-	101	133	-6.10	1.600	1.600	45.05-	4.000	46.44	45.01
o	7)	20.4	5 47	-C.3F	1.300	502	12.5-	965.4	214	10.6-
, ,	0.1	005.	261.	94.2-	1.500		1.3.03	2.000	466	-3.16
٠.	70.1	766.	100	c6.3-	1.050	~. < 7 v	-4.81	004.6	317	10.7-
, ,	¥2.	200	90]	42.2-	1.000	1/20-	10.2-	200.0	1.364	79.7-
. ,	66.	20.0	٠.١/٦	17.7-	164.1	1/2	17.7-	0.50U	グナワ・ト	14.7-
ก :	10.1-	00/•	102	10.7	7.100	471	-6.63	000.7	338	-6.63
,	7.7.	۰ (۲	o . T . c	ر د - ا	UC2.2	276	-4.14	1.500	¥26	-6.00
ų ·	7 * * 1	000	1.19	-1.07	704.7	276	10.2-	3.000	361	. 36 . 1 -
.	7	2.	202.	-1.7	UCC.>	413	75.71	9.500	<15	-1.84
ر د	01.)))	017-	7.7-	00/*2	< 74	-1.73	2000	310	-1.16
	56.4-	00%	< 10	-i.b.	7.850	27c		4.500	106	-1.64
_	11.30	000.1	٠, د د د د	DC • 1 -	3.000	670	10.1-	10.000	300	1.54

Table 30. Azimuthal Magnetic Field (Sea Water), Frequency = 1.0 MHz, VED Height = 224.76 m

	S. U. N. D. U.A. EHANGE	APPANCE		1 C KM UU	A LAKALADE	7	S S S S S S S S S S S S S S S S S S S	U KM DU-NAA45E		100.U KM UUBNKANGE	DENKANDE
THU Ju	1	1	Ì	3	1	1	į				
5	(00)	(VEC)	(W K)	(00)	70 arr	(84)	i ci	71456	1014	4 .	THASE
200.0	501.1	-1.4/	0000	900.	13.10	000.0	000		1000	200	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
£00.	190.	11.40	010.	7.0.1	67.51	27.3	-144	14.0-	001	002	77.11
900.	0000	-1.40	070.	070.1	-3.14	.000	-130	-2.82	002		77.01-
ر د د د د د د د د د د د د د د د د د د د	2,2.	11.11	050.	757.1	10.04	3K3.	**!	-2.7	0000	- 262	45.04-
7.	7),. -	54.4-	242.	901.	- 3. UB	.160	162	-5.63	004.	318	-10.27
0 1 3 :	0 :	74.1-	٠ د د د د	111.	13.03	001.	-، ار- د/ ا	-5.53	005.	1351	05.5
C T C .		1,.1-	20.	-11.	44.5-	764.	18/	17.64	0000	205	-7.60
77.		3 t • • • • • • • • • • • • • • • • • •	20.	14	٦٤٠٧٥	012.	^^ !	-5.35	.700	£04	35.4
* C	707.	V6 • 1 •	200	ica	-4.35	047.	211	-3.25	0000	435	-6.00
, , , ,	000	45.1-	363.	33	74.30	٠/ ٧٠	666	-3.14	004.	964.	-8.77
050.	, ao • I	00.1	701	* 1 3×	10.5-	005.	233	-2.67	1.600	474	10.40
n .	360.	-1.3/	<i>→</i> 1.	1.145	+0 · J -	255.	244	24.44	1.100	- F. T.	-0.41
070	0 1 0	1.30	021.	101.	-C. 81	9000	ددے. -	48.41	1.500	515.	7.
£00.	o o o o o o o o o o o o o o o o o o o	CC • 1 -	3.1.4	/ 57 *-	-4.10	O 4 7 •	265	OH	1.300	060	-7.67
u ()	\$ 3 · ·	+C - 7 -	7.	103	c/ • /-	074.	273	17.**	1.400	1.244	-7.40
0.40	ا . ا د د	11.11	> <u>.</u>	107.	-6.16	UC 4.	285	70.7	1.500	336	-7.17
r ,		-1036	707.	0/1:-	¥0.2-	004.	(95	10.54	1.500	P00	10.44
1 € 0 •	111.	16.1-	2/1.	100	40.5-	014.	505	04.4	1.700	B/C	-0-71
1 to 1	-166	15.4-	707.	1.187	-4.63	0*5.	314	-4.37	1.000	247	4.0
50.0	/210-	-1.C>	? N. T. *	011.1	-K.hu	2/5.	324	*2.*-	2006.1	960.	-6.61
300	-136	-1.cc	300.		16.2-	220.	. 53.	-4.21	000.2	- 603	50.0
200.	. Lud	1001	017.	210	-4.54	050.	346	26.13	<.100	019-	-5.00
000	73.	97.1-	122.		10.2	000.	156	4.05	2.200	016	-5.67
		67.1-	25.	****	16.45	O 4 Q *	360	15.47	000.5	-,042	-5.40
) (i	7	52.1	0.50	636	54.5	٠/د٥	- 36 v	12.40	7.400	647	-5.31
) - -	101.	-1.6	267.	635	74.7-	٠٢/٠	. 27.	-1.46	2.500	634	-5-13
D - 1	0	.1.63	102.	1.54/	¥6.57	٠/٥٠	1.340	-3.75	4.600	0.00-	7.5.5-
000		22.1-	0/2.	5522	-4.30	>1 p*	4.345	-4.67	207.2	2.040	12.4-
0 1	01.	13.1-	707.	263	10.2	0 * 0	104.1	13.60	00B.7	**0	-4.00
000	001	7.1-	3,70	1/2	-4.31	٠۵/٥	I c	66.6-	004.7	D * 0 * I	-4.5
•	0 61 .	۲. ۱	305.	273	-4.60	00X.	124.	-7.45	3.000	054	6.3-
501.	+62	<1.1-	u d t.	363	-4.15	U.C.J. I	- 4663	41.45	7	0/4-	
.120	1120-	-1.10	204.	176	-4.06	1.000	210	10.7-	3000	700	
دو ۱	• • 360	00.1-	244	466	-1.87	1.350	155,-	14.57	004.	F 77 -	B
907		70.1-	904.	9/5-	-1.70	1.500	000.	-6.33	2000	- 142	
.165	, , , , ,	. 10	u cc.	466	90.1-	1.000	664	-4.11	2.500	7/7	11.7
90	‡ > 1 · 1	\$ P I	0000	1.004	-1.50	1.800	1.760	-1.92	6.000	940	7
667.	7.0.	3	000	6/4	-1.40	704.1	783	-1.74	0.00	965	-1.65
0 .	0	00.	90.	V 2	-1.36	Z.100	1 58	95.1-	2000	425	14.1-
	67/0-	7.0	95%	867	15.1-	4.630	425	-1.43	7.500	707.1	CE . 1 -
2.	. 410	٥/•	335.	د[۷.۰	-1.10	774.7	-1.004	-1.30	999.8	-1.000	-1.20
662.	0	* ;	358.	C00 - 1 -	-1.1-	7.500	-1.08a	-1.18	9.500	-1.137	-1.06
0.0			004	701-1-	-1.04	2.700	-1.17	-1.07	000.7	-1.222	5.1
500	/07-7-	١٠٥٠	30.4.	-1.504	**	4.650	-1.276	47	9.500	-1.313	2
. 300	017-1-	50.1	2000	-1,31	/ D • -	3.000	~\P. 1 -		10.000	-1.412	7

Table 31. Azimuthal Magnetic Field (Sea Water), Frequency = 1.0 MHz, VED Height = 449,52 m

Ē	į	7.14.36	ar Ion	2	7. 1. St.	nc 1011	AM	4.1	Lo T	A 7	7 4
- 3	(00)	(CF C)	(a, k.)	(00)	(or o)	(E	(na)	(0,50)	(£ 4)	(53)	(Ut 0)
)	, , , , .	11.00	30.0	145	36.25	200	17c	-0.33	0000	634	9.01-
n 4	* * * • •	73.71	777	J. 1.30	46.5-	0000	140	-0.¢	.100	201	-1 ()
p .1	20.) .	200.	130	76.24	• 600	· [47	***···	007.	-, 364	-10.4
· ·	000		3900	7 1 . 1	-6.43	> r > r		در، در -	7000	c 05 •-	2.4
J .) ;)	061.	64.5	077.	667	04.4	00.	101.1	U.Y.
n :	1		20.	, U.	74.7-	AC 7 •	542	4.10	3000	101.	٧.٠
0.7	1	36.	0.	001.	-6.54	201.	1.600	//	200.	5/7.	F. 0.
7.6) 	C. •))	٠.١/১	۵۶•۶₌	017.	<71	75.17	00/.	C.C.	0.0
• •	7	į	20.	-135	-4.33	0+0.	1.636	44.53	700.	د'در	.0.
	1710_	5,4	いとい	1.130	76.30	77	275.	73.1	200.	£00	יי
٠ •	201.	24.	>> 1 •	102.	12.2-	000.	365	1000	1.000		/ • / -
£,	,,,,,	7,	011.	413	-6.63	0000	346	15.4-	001.1	4.015	٠, ۲
£.	, t	30.0	777.	636	-6.50	2000	- 3b	77.4-	1.5000		-7.6
۲,	707.	Vo	161.	C*>*-	11.2-	370	370	24.15	1.300	760	
7	2/1.		> ₹ 7•	5.67.	-7.7-	204.	C X 50	ţ	204.1	100	1.0-
ĵ.	+01.	10.1	• 100	-12-	11.5-	, t 0 v	1 . 4 . 1	- 3.95	005.	1.70	10.0
ı,	1-1-		201.	KYU	00.01	264.	101.	12.51	200	- 160	-
5.	1171	30.1	0/7.	C06	-6.05	4510	.457	-1.7.	1.100	1+1	1
t O	333.	,	001.	36.3	20.02	· 0.1		-3.71	200	101	
7.	3.7.	10.	061.	1+6	10.00	0/0.	373.1	1.5.7.4	204.1	- / 10	, ,
65	067.	ĵ.,	25.7.	3t.v	/+ - 1 -	.000	:15	- J. 55	7.000	070	
5.3		70.1	0120	*/6	1	2020	> St.	1000-	20107	C>c	
22	-643	7 ·	722.	*** ° -	16:1-		1.000	-3.43	0020	C+2.	,
٠,٠	715	ر ا	062.	0.04.1	-1.00	340.	150	1, -5-	6.300	101.	14.0
2:	300.	/ ,) ,	7,7.	Cr.1-	, 160	100.1	.3.6.	7.400	100	1
c,	765.	٠,١	, v	101.	20.1.	001.	274	-3-14	6,000	107.1	,
0 :	7 7 . 1	//:-	062.	101.	-1.17	ve/.	1.654	4.1.F=	C00.>	176.	7.4.
-	J. K. T.	٤.	0/3.	01c -	// - 1 - 1/	013.	1/0	70.00	20100	. 440	1.7.
; '	n J	c) • -	107.	C\$C	-1.7	. 0	703	-6.43	2.00v	107.1	
	, , , , , , , , , , , , , , , , , , ,		0,4,7	1,000	1/.1-	2/0.	167	-C+43	2.700	164	.3.0
>	ປ •	٠ •	359	000-	.o. 1 -)) ,	•• 15t	14.7-	3.000	F001-	
;											
ς,	33.	F0.1	0000	٠٠ / c٠	CC.1-	J. U.D.C	2000-	45.7.	3.340	-1.14	J. 5.
27	CC/•	į.	37.	7.0	27.1.	1.000	11.003	-11.7-	000.	-1.650	6.7.
n :	506.	<u>ئ</u> •	? . .	r/0.1-	-1.67	1.300	242.1	-1.40	2000	57.1-	7
	001-1-		o 2. €	1.5.1-	77-1-	200c · 1	75441	-1.1.	300	11.740	0.7-
n e	100.1-	٦٠.	300.	-1-517	^ · · · ·	1.00	1/0.1-	[7.]-	005.5	11641-	2.1.
⊃ (: 1: .	020.11	;)) (-1.17	7,1	1.000	474-1-) I • I •	60.0	-C.U.3	
<u>, , , , , , , , , , , , , , , , , , , </u>	3 G D • • • • • • • • • • • • • • • • • •	;;	• 0 0 0	260.25	₹. 	1.700	202.2	,,,,,	00000	-6.317	
2 Y	C21.2-	07:	20.	-4.3/6	7	001.3	cic.2) [26.30	-4.013	Č.
ς,	C15.3-	ń.	٠٤/.	-4.115	٦٢٠•	DC 2 * 2	16.00	24.	1.500	177.7	1
7	613.7-		100.	1,1,0	77.1	204.0	-3.665	; ;	200	1000-	
C -	117.0-	-11		24.243	٠٤	000.3	.,63.	21	3.00	1, 1, 1	Ġ
> u	01, 10	?:	3000	254.6-	63	6.1.3	100.	0.1.	25.34		
1	O 1		,								
			000	ט ז ז ז י	11.	2000	-4,573	10.	7.000	750.4-	

Table 32. Azimuthal Magnetic Field (Sea Water), Frequency = 10.0 MHz, VED Height = 0.00 m

UUBNKANGE	 3	(UKG)	-113.58	-102.36	->04-	-74.01	-66.41	-57.73	-50.69	-44.37	-34.65	-35.84	-32.72	-36.13	-47.45	-40.03	****	-<3.04	-41.85	-40.70	-17.78	-10,50	VO. 81-	-17.30	-16.70	90.01-	-15.51	77°47'-	-14.50	-14.04	-13.62	-13.44	-14.84		03		٠. د د د	62.6		30.1		1	,	7	7 7		
0 HY 0.00	3	(60)	- 5. 35B	-6.649	0/6-/-	+14.1-	195.1-	-1.646	¥62.1-	10.0	10+0-	405.c-	-3.004	-5.454	145.41	750.4-	704.41	0/1.7-	19.401	-3.770	-3.596	-3.436	-3.240	-3.125	150.6-	-4.116	16.00.	VU/ -2-	-2.017	16.530	¥44.7-	-2.373	-2.301		0000		600.1-		777	177.1	0.00		2 1	~~	27.5	300	, ~
Ξ	1	E	0.000	90 T •	002•	.300	304.	000.	000.	00%	000.	つつか。	1.000	1.100	1.200	1.300	1.400	1.500	1.000	1.700	1.800	1.900	4.000	2.100	2.20u	2.300	00407	4.500	2.600	2.700	2.500	204.7	3.000	000	000		000:		2000		2000	200	000	200	200	000.	וחיחיתו
UUNNKANGE	1	(UR 6)	-62.66	-64.56	45.46-	-50.05	-54.81	70.64-	-4p.54	-43.50	140.34	-30.67	-33.80	-33.68	-31.06	-27.81	-50.15	-20.54	-42.17	-63.88	-24.69	-<1.61	-40.tz	-13.71	-10.67	-18.10	٠٤٠/ ١-	-10.72	-10.10	-15.53	35.47-	14.50	-14.03	33	60.01		00.4	71.		2	,	44.0	14.6	-2.5.	7	20.5	74.4-
DO WE	A	(60)	-1.67	24.045	454.7	-c. 75c	144.21	19.107	13.246	36.50	-3.460	74445	-3.430	104.51	4c6.6-	3.536	13.230	3.150	.3.083	-3.000	-2.960	14.57	-4.11.	14.037	-2.620	ccc.	-2.481	16.460	-4.35/	. 4.435	-4.236	76.100	-4.140	4 1	2		7001	30	, , , , ,	177	3500	3	3.	777	90.	350.1	- 600
. 7	חב [ניח]	(F.4)	2000	000	201.	040.	. 160	oc * *	707.	112.	047.	2/2	7000	050.	200.	0,00	10.7 10.0	24.	705.	o.7℃•	010	0/0	200.	40.50	900	.040	٠/ ﴿	Je1.	./ 90	010.	U+0.	2/0.	227.	3	1 2 2 2	364	30.4.	7	200	36.5	001->	767.7	30 30 4	056.2	00/*/	4.630	3.000
	7747	(UE 0)	134.40	64./0-	170.41	133.40	-34.30	-33.36	-36.64	-31. ZB	130.68	.64.64	-60.34	04.77	14. CV	10.02	-410	-63.73	-63.14	-66.31	-41.04	£4.02-	C7.07-	14.01	-13.45	¥6.44	20.11-	17:11-	-10.75	02.01-	-15.10	25.51	۲۵. ۲۱.	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	-11.46	// 101-		10.37	10.1-	10.1-	٥٢.٥-	-6-14	- 3. /4	12.40	17.6-	10.01	00.4-
DIC ACT COLLECTION	A	(00)	c/c	/20	£ 45.	*/**	100.11	10.10	7/7-1-	146.1-	1.440	101.1.	250.1-	//01_	10.11	C+0•1.	0/0.	, 200 · I ·	5 0/""	*1, (14	-1./2	-1.14	-1.761	-1.718	-1./10	*0/*1-	160.1-	70011-	-1.664	CC0.1-	7+0-1-	520.1	0001-	115.1-	-1.464	ctt.1-	757.1-	-1.110	-1.110	000-1-	ر ۲۶۰ ا	004	707.1	316	2 4 0 4 1	slc	1.101
7	חב נטחו	ξ ζ	20.0	010.	20.	200.	2 1	900	20.	2/2.	ינמי	3 k 3 ·	7		. 160	2	7	001.	001	2.1.	20.	٠. د د د د	000.	0470	200	200	0.0	262.	200	2.7.	107	7.	000.	966.	201.	364.	220.	4550	200.	000.	.700	٠/٥٥	.000	3 2 2 3	227.	264.	200.
NA BINGE	THANK	(050)	41.17	AL	00.00	97.07	15.51	70.61	٠,٠٠	95.41.	c/ . p.	C7.07.	51.61.	91.	00.11	13.11		0.01	14.01	*1.01	95.61	*0.01.	20.01-	62.61) o . t .	* C * 1		10.11	20.51	00.51	77.71	7 1	10.31	10-11-	99.01-		13.6-	カニカ・ファ	** . / -	-/.34	> . · o -	10.0-	20.00	5/00-	17.00	27.1	00.7
3. C AP. C CANAMAGE	Ī	٠ د و	707.	677.		000		1 1 1	1	70.	001.	7.70	7 50 6			212					, ;	37.	0 :	K 1 1	7		1 1	9 1	70.1	1 7 2 1	C. C.	1	•	7900-	1,00-	0,000	.00.	163.	0.00	136.	2000-	C01.	160	75,00	101.		21
	THOTSU	 	3 1		200) ·	1 0	7	د - د - د -	120.	, ,		9 %		9	67	7 3			10.1	, C ()	0.00	9 3	700	0.0		12.		7	1 1		9		501.	.123	. 135	051.	-165	.130	61.		677.	9,7.	4,753	0,20	562.) . J. C.

Table 33. Azimuthal Magnetic Field (Sea Water), Frequency = 10.0 MHz, VED Height = 22.48 m

								1			
Ichī	į	71 417	nt ton	A 7	FHASE	nt Ion!	Ā	PHASE	at Juni	AMP	PHASE
(M.Y.)	(00)	(050)	(¥ X)	(00)	(0,50)	(M 4)	(90)	(UEG)	(F)	(00)	(UEG)
000	202.1	14.01-	0000	1.00.1	-35.10	0.000	155.1-	-64.35	00000	-5.690	-111.27
.003	116.	10.01-	210.	-1.067	-35.16	250.	-2.417	-64.25	.100	-7.020	-100-24
900	• • • •	10.5	020.	-1.163	51.45-	200.	-4.177	-51.03	200	904./-	95.79-
500	J. 140	33.01-	050.	-1.605	+0.Et-	つかつ・	-3.075	42.54-	995.	-0.307	-75.7
• 0.12	1.034	10./1-	o † O •	-1.345	-34.00	.160	-3.313	-50.50	304.	P. 2.49	-64.6
510	2/0.1	٠٢٠/١-		044.	-31.02	. L 50	17.4.5	-4/.31	2000	970°0	4.54
E 10	0.50	90 - / 1-	900.	CBC.1-	KA. KJ-	007.	4,625	-44.23	000.	120.1-	7.71
.021	7.146	-10.75	0/0.	-1.600	BX . FX-	1770	-3.711	-41.30	.700	-7.103	, O . V . I
• 0 5¢	-:115	-10.48	282.	-1.737	94.17-	047.	-3.759	-36.54	000.	-6.743	.5.4.
.627	1.00.	-10.10	370.	442 · T -	00./2-	27.	-3.775	F6.55-	004.	-0.328	C.55-
.030	1.00.	-10.00	001.	-1.455	₹0.02-	005.	-3.76/	-33.58	000-1	カナナ・ハー	7.05-
.133	000	45.61-	011.	11.400	11.52-	055.	-3.738	-31.38	3.100	-2.002	-47.B
• 0.36	. 675	67.61-	071.	つすた・ユー	74.60	005.	-3.695	-67.36	1.200	162.5-	-45.6
• C39	V1V.	-12.00	.130	-1.473	-63.34	045.	13.040	24.12-	1.300	-5.010	-63.70
2.0.	1.71	-14.11	.140	-4.001	14.22-	075.	1.5.577	-43.HZ	1.400	151.	-44.1
540*	. 100	54.41-	941.	-4.024	C0.12-	.430	-3.508	42.42-	1.500	426.4-	1.02-
649.	7	C1 **!-	.100	7*0.7-	-<0.05	101.	15.45	-2C+H7	1.000	-4.363	2.4.5
.051	610-1-	-13.07	٠, ١٠	C40.7-	KO . OV-	010.	-3.363	-21.57	1.700	-4.135	-18.4
•650	150.1-	-13.00	.100	C00.7-	-14.30	240.	- 3. 687	-20.34	1.600	-3.405	-17.4
.057		-13.33	061.	-6.07	-10.05	J. 5.	3.216	-19.31	304.1	-3.009	-16.5
• 000	7/701-	-13.06	002.	-<.015	-17.98	.600	13.144	-16.32	7.000	-3.000	1-15.
.003	363.1-	14.80	012.	-2.070	-17.33	050.	-3.075	05./1-	<.100	-3.236	-15.00
• . 66	-1.100	-14.54	077.	-6.012	-10.71	.000	-3.000	-10.56	2.400	-3.410	
690.	-1.164	-16.69	UE 2.	-6.07	-10.11	040.	-2.937	-13.75	2.300	-3.305	-13.7
270.	71.1-	-16.04	047.	190.7-	-15.54	.760	-2.875	-15.07	2.400	-3,603	-13.1
• 0.75	CC1.1-	-11.79	リビン・	-4.001	12.00	٠٥٠٠	-18.2	-14.40	2.500	-3.108	,q.>1.
• 0 7e	401-1-	-11.55	092.	560.2-	01.11-	1,00	-c.755	-13.78	2.600	- 3.001	-14.1
.061	-1.103	16.11-	0/2.	-4.045	-13.4B	210.	-4.700	-13.61-	2.700	14.740	0.11-
• 0 9 ¢	-1-130	-11.00	102.	<£0.2-	J. 3. 50	0.00	-2.64t	-14.67	7.800	-4.004	-11.2c
.687	403-1-	-10.05	067.	4.045	413.US	0/9.	445.57	-14-17	2.700	-4.1.7-	-10.0
067.	- 1.066	-10.63	201	<10.2-	14.51-)))	-2.540	-11.71	3.000	-2.128	-10.4
.105	117011-	14.57	UCC.	107.1-	-10.70	1.050	145.5-	-7.76	3.500	-6.427	1.
.120	-1.365	10.0-	001	-1.406	01.4-	1.600	-4.18	47.0-	2000	192.2-	- 7.0
. 1 35	-1.300	-7.75	164.	-1.861	26.1-	1.350	74.060	-7-15	4.500	-4.128	-0.0
.150	774.7-	B . 0 .	2000	120-1-	10.04	1.500	-1.985	-0.23	2000	-4.030	-5. ª
• 165	10111	-D.C.	Ucc .	-1.800	10.0-	1.650	1.960	-2.47	005.0	-1.363	1.4-
.190	アアコ・コー	19.0-	000.	-1.748	56.4	1.600	168.7.	14.25	0000	-1.322	0.4-
.195	0+0.1-	-2.14	900	708-1-	17.4-	1.450	1.000	06.4-	9.500	-1.402	7.51
017	100.1-	79.4-	. 100	-1.017	77.71	2.100	1.881	-3.83	7.000	-1.400	-3.6
5657	100.1	11.41	, 750	-1.340	۵,۰۲-	4.630	1.896	-3.45	7.500	11.41-	-3.6
0 7 7 0	-1./63	-2.70	000.	-1.685	26.6-	004.2	-1.968	-3.06	000.5	135.1-	.4.7
دري. د	56/07-	٧٤.٤.	UCD.	256.1-	16.2-	JCC->	11.971	-4.73	3,540	-1.382	-6.0
2.7	2/0.1	90.5	307.	755.1-	C4.5-	<.7 UU	-4-04-	74.7-	000.7	- C . U 34	
. 35	11111										
		C) • 7 •	006.	100.7-	-4.30	C9.2	-4.08e	-4.18	4.500	140.2-	-4.11

Table 34. Azimuthal Magnetic Field (Sea Water), Frequency = 10.0 MHz, VED Height = 44.95 m

AE IGHT											
£	i i	A P J	15.15	Ą	4	İ	3	45#10	1	Q P V	3
	(67)	(UF 6)	ž.	(P)	(OF 6)	£ 4	(0)	(1)		t	10 4C
000	1.00-	-10.70	0.000	-1.135	12.15-	0000	76.20	96.09-	0000	*00*0-	-108.85
600	70/0-	77.01-	010.	-1.680	-36.83	0F 0 •	-2.705	-57.80	.100	-7.335	-47.63
900	. (4)	70.01-	200.	-1.415	-31.80	000.	-3.066	-5*•b>	902.	-3.664	-05.55
600	. /00	-10.73	25.0.	-1.338	-30.70	コテコ・	-3.366	-51.38	3000	-4.627	-13.30
270	Y 20 -	******	313	1.051	-49.73	.100	-3.600	61.03-	004.	-4.62	-62.40
010	0.0	07.67-	050	-1.755	1,69-	, L 5 u	162.5-	14.11	.	-d. 356	-53.01
910	۲. ۲.	ָם בּיבּים בּיבּים	000	-1.046	-47.08	001.	-3.920	-41.d7	000.	196./-	-45.50
7	0	BC • 1 -	2	-1.933	-46.67	012.	-4.01e	-34.45	007.	-1.562	-34.0
* 7	000	27.11	282.	100.V	-45.61	047°	24.07	-30.19	008.	-/.udb	7.45-
200	770-1-	55.57-	> -	-4.017	-44.70	2/2.	14.032	-33.62	204.	10.0-	-31.0
2 (¥60.7-	40.51-	201.	-4.130	-43.74	000.	14.034	-31.63	1.000	-0.305	-<7.
η . Π	***	04.61-	077.	-4.192	-44.81	055.	-4.074	-27.03	1.100	104.0-	*c5.3
9 9	-1.167	-13-11	.1 < 6	142.2-	-41.91	000.	VE0.41	-21.01	1.200	-5.003	-63.10
50	-1.103	-16.86	251.	767.7-	-41.03	345.	14.4.	97.62-	1.300	145.5-	-41.6
240	/ 67 - 7 -	-14.54	241.	-4.340	-40.19	074.	340.0-	-23.46	004.1	141.5	20.01-
045	-1.630	-16.65	051.	2ct .2-	-17.31	004.	-3.88¢	5.14-	000	* * * * * * * * * * * * * * * * * * * *	7.41
640	-1.603	-11.78	.160	-4.381	16.51	7	1 4 B 2	05.17			
150	-1.250	-11.70	3/1.	204.7-	-17.01	714.	13.760	2 7	200		3
124	-1.360	54.11-	201.	- 4.463	10 · / 1 -	1	2			100	1
657	1000-1-	-11.10	367.	2449	-15.47	3,7	2			0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	N 3
000	140.4-	-10.30	707	104	7	304	1 2 2 2		0000	1000	
163	. 74.4-	10.01-	24.0	223.71	1	2 4	, ,	7.0.1	000	171.	2.51
990	404.14	5 00 7		3	1	2 4	30.00	66.1	001.5	500.	17.
9 6		7	77	*****	7	000.	201	±	002.2	17007-	9.11-
200		, ,	200	0000	70 *61-	160.	174.	-13.34	2000	7.800	77.17-
1 12		9	2 1	010.7	67.67		13.367	-14.63	004.7	-3.713	9.01-
	,	. 1	00.34	926.5	0/-21-	20.	-3.364	C4 • 1 1 -	4.500	-3.634	-10.0
0 -		٠, ٠, ٠, ٠, ٠, ٠, ٠, ٠, ٠, ٠, ٠, ٠, ٠, ٠	200	2.030	-14-17	00/.	-3.282	-11.33	4.000	1.303	4.4.
4 i			2.3	1+0.3	0.11-	20.	3.544	-10.74	₹.700	964.5-	17.1
9 P	7000	76.0-	162.	166.2-	· · · · ·	2,00	13.207	-10-14	2.000	-3.440	9.8-
0 0	10.1		062.	4,000	7/.01-	2/0.	-3.170	11.58	008.7	-3,388	10.6
>	501.11		•	9/5.7	-10.00	つつト・	-3.140	->.<-	3.000	1 +6 .6-	-7.B
60	,		Ž	1	;			•			
			2	000.31	20.36	7.00	13.047	5.	3.500	-3.17	, o .
200			3	-7.10	2.6.	1.600	13.014	-2.55	900.4	-3.100	× 3 1
0 4	76367	20.00	20.	-6.803	14.0-	1.350	-3.037	****	2000	-3.107	5.0
001		3	220.	-6.433	76.4-	1.500	-3.116	-3.43	000.0	-3.168	12.7
0 0	000-3	2.40	000	470.01	ځ د ، د -	1.650	3.240	-4.58	2.500	162.6-	7.7
2 6	016.3-	67.6) 0	13.640	74.54	7.000	13.400	-1.43	000.0	-3.44	,c.1-
0	041.5	40.04	200	120.6	-1.74	1.400	-3.610	-1-17	005.0	-3.040	ř
2 1		04.7.	77	, co	-1.16	C . 1 . 0	-3.87c		7.000	448.64	,
• • • • •	343.01	Y5 - 7 -	76/•	240.41	34.	7.634	-4.164	×0.	7.500	14.184	.23
7 I	6171	J. 1.	200	7****	٠ ٢	2.400	105.4-	•\$•	9.000	415.4	
رد ر در ا	. 20.	/3	3000	268.4-	99.	266.2	14.863	1.10	3.500	778.1	7.7
67.3	->·ce	£ 9 •	305.	-5.650	1.22	2.700	-5.314	100	000	->- 4/7	
582	-3.5ct	•	264.	-5.755	1.00	4.050	-5.740		1		
300											

Table 35. Azimuthal Magnetic Field (Sea Water), Frequency = 100.0 MHz, VED Height = 0.00 m

						-				<u> </u>	
re I GMT	A Y	FIANK	חר] נחן	A	1 1 1	nr Juni	A	PHASE	At I GHT	AMD	THASE
Ŷ	200	(0 H)	(M.)	(00)	(oto)	(F.A)	(00)	(OE 6)	EX.	(90)	(UE 6)
000	A64.0-	-107.00	00000	-14.800	26.761-	222.0	-68.213	-174.66	00000	-30.478	-173,33
100	004.0-	-100.43	500	-10-120	-145.20	070.		-123.44	050.	-33.518	-64.43
200	-0.00	70.701-	900.	-17.140	-136.07	250.	-67.607	-80.85	090	-60.134	27.05-
n 0 0	1,001	00.64	¥00.	199./1-	-118.13	000.	-63.631	-63.2B	060.	-63.013	£4544
100	*15./-	*T.*C.*-	770.	7.004	14.501-	7,70.	-61.213	-54.82	.160	-40.47	-42.10
c 02	-1.100	27.14.	cTo.	-11.10+	04.04.	200.	-19.165	143.77	051.	-18.503	-40.7
900	-7.316	-01.60	070.	+04.01-	-17.70	200.	-17.556	-40.31	.180	-17.118	7.7.
200	C71 *Q-	-63,33	170.	179.61-	-71.60	2/2.	-16.630	07.54-	012.	-15.093	> " - 7 -
900	-6.630	-74.45	* U Z Z	-14.011	24.40-	202.	-15.135	29.19-	0.5.	+14.324	-36.8
₹00°	142.0-	-12.67	.067	-14.020	10.44-	> ·	-14.145	-34.AH	012.	1/2.51-	-35.0
010	777.8-	-76.03	050.	192.61-	24.03	001.	-13.374	-30.39	005.	-13.145	D. 45.
77	-0.04	100.00	250.	-16.015	10.16-	1110	-12.bb.	80./F-	065.	-12.510	0.45-
c12	0.7.0-	-62.64	.036	-12.006	141.27	071.	-16.024	-30.40	.300	-11.644	-33.1
613	-0.173	21.20-	¥50°	177.444	45.64	064.	-11.454	18.15-	057.	* 45 . 1 1 -	-36.40
0.34	F/2.0-	*1. *C+	740.	39F - 27-	43.10	0 + 7 •	-10.934	-33.36	024.	168.01-	-31.
c 15	1, 100	-20.40	. 040	-10.407	14.60	061.	124.01-	-34.45	34.	165.01-	1.15-
910	-7.045	14.56-		450.01-	84.45-	001.	110.044	-34.12	287.	-4.4BC	1.00-
617	11/-/-	£4.16-	100.	7.040	14.75-	0,1.	759.4-	-31.33	015.	** 5 3 4 4	- 43
018	1/60/-	22.4.	100.	-4.281	-36.35	.100	24.4	130.60	045.	-7.246	1.62-
610	17401-	27.17-	/60.	147.01	-35.30	OF 1 .	- a. 456	05.62-	075.	-4.414	C687-
020	107.1-	-45.36	200.	160.0-	d1.46-	2000	0.0.0.	-67.65	.600	-4.615	-60.0
623	-1.133	14.5.4-	.003	18.340	-35.10	0120	-8.357	-44.62	050.	-8.331	-67.4
022 0	-0.760	/K . 7 5-	997.	-0.000	-36.13	777.	-8.080	E0.07-	099.	- 4,000	-cb. V
323	10.01	110.11	¥00°	-7.814	-31.23	06.50	-7.830	94.17-	040.	-7.418	-46.50
324	160.01	10.85-	2/0.	c/c./-	45.05-	747.	445°L	74.07-	021.	-7.584	-c6.U.
520	ccc.0-	-37.00	٧/٠٠	166.1-	10.67-	JG 7.	-7.376	1707-	. 750	-1.304	-45.5
0.26	173.01	-30.44	۵/0.	-7.140	-60.07	002.	-7.107	16.62-	.780	10101	-65.14
120	-0.603	-32.68	100.	145.21	-40.10		-0.767	-52.44	o₹R.	-0.401	-64.7
050	201.0-	134.60	\$ 00.	-6.753	64.12-	002.	-6.781	96.42-	0,40	-0.175	-64.3
620	-0.064	-33.10	, va7	-6.576	74.97-	062.	10.004	-24.54	0/0.	0000-	-63.
0E 1.	10.400	-36.66	3,00	-0.407	-60.34	000.	-6.436	-44.12	004.	-0.433	-63.50
0.35	155.5-	-40.60	c11.	-5.681	-43.82	262.	-5.71v	-24.21	1.050	-5.711	-61.7
040	000.4-	-45-13	.160	-5.105	-<1.81	001.	-5.133	70.00	1.200	-5,136	-40.5
040	14.4U	71.77-	८	-4.037	-40.14	J .	-4.663	-17.21	1.550	140.007	-18.4
.50	101-4-	-1007-	150	プキン・サー	-18.73	3000	-4.273	-18.00	1.500	112.4-	B./1-
0.55	010.5-	-14.10	.165	-3.463	-11.52	000.	335°5-	14.01-	1.650	944.	-16.7
090	£ 44.6-	-1/.00	Q Q .	13.645	14.91-	0000	-3.664	46.01-	1.500	-3.668	#15.B
592	300.0-	-10.04	٠. د	004.5-	-15.54	.650	-3.423	-12.15	1.950	-3.427	-15.U
2/2	457.6-	-13.03	012.	13.148	-14.76	.700	-3.613	-14.34	2.100	-3.217	-14.3
5	704.7-	-14./5	577.	-3.016	-13.98	J. 750	13.030	-13.71	2.650	-3.033	-13.6
9	* 70° 7-	/ Y " T	247.	456.7-	-13.30	30.00	-4.860	-13.08	004.2	-2.871	-13.02
ن و و د	6/0.7-	-13.68	ξξ2.	-6.114	-16.6	3CQ*	-4.724	-14.52	4.550	-2.121	-14.4
3 10	166.2-	-14.65	2.70	195.7-	-12-17	201.	165.7-	-14.00	<.700	-2.599	7.11.
U. 0	7***7-	-12.09	\$29.	7/4.7-	-11.07	JC.V.	-2.4B3	-11.52	2.e50	-2.485	**11-
007	-6.364	90.11-	2000	-4.316	-11.41	1.000	-4.3BU	-11.08	3.000	-4.304	-11.0

Table 36. Azimuthal Magnetic Field (Sea Water), Frequency = 100.0 MHz, VED Height = 2.25 m

							317711111111111111111111111111111111111			
	4 4 5	THO I	344	1	1					
	(0,00)	(£ ¥)	i	1541	(To 4)		10.00	בין בין	A .	LANGE
•	101.40	000	754.51-	7	000		(0,0)	E o	PO :	200
•	100 40	100	-17.17	70 44 1	3		2001	000.0	503.65	7.401
Ī	- 7 to . B 7	900	11.01-	1/11/1			11111111	000	.00.00	4,00
•	11.14-	700	-10.630	110.01	25.0		10.0	9 2	*21.12	
	<2./0-	210.	174.61	,	3 3 3				666.00	1
	16.56	1 2	1	7			***	071	£/**/7.	.34.3
	1	2 3	701.0		000		71.15	.150	17.596	-32.3
	14.47	2 -	4	10.1	000.		-31,45	.180	-18.106	D.00.
		· ·	0000	20.50	20.		45.56	.<10	-10.882	4.67
	2011-	500	267.01	د، ود-	200.	-16.127	-33.2h	047.	150.61-	1.83.
		770.	400°C1-	>₽•0¢-	3F3.	12.185	-31.52	.270	+1+. JOt	-47.4
	01.10-	200	-14.278	140.43	9 T 0	-14.373	-30.05-	005.	-14.130	**07-
-	20.00-	£50.	-13.000	-46.80	0110	713.650	-<8.7	330	7 7 7 7 7	1
	15./5-	050.	116.498	-34.75	.160	-13.023	-21.53	360	171	1
	41.14	¥50.	-16.44	-37.10	06.14	117.615	49.00	5		
•	02.1c-	740.	-11.434	-34.96	3	3	14.45		100 11	
•	74.04-	43.	11.47.	5	1			77.	CC0 • 1 1	7.63.6
	4.0	1	1 1 1 1		2 1		20.00	.450	504.11-	* 6 6 b
	14.			7110	001	100.11	-63.74	. 430	2KK*01-	4.12-
	000		1000	00.67-	2.1.	10.665	-24.45	.510	-10.01-	-<1.3
	00	100	*62.01-	62.62	761.	110.300	-<<.21	040.	10,204	-60.7
-	10.60	, ,	104.41	-67.03	O.T.	~ アング・アー	-21.51	0,5℃	14.4.	-70
	04.75	202.	74.654	10.62-	002.	179.67	-20.85	000	70.7	
	29.46.	.003	-4.365	10.47-	017.	-4.387	72.02-	3	,	1
	-32.40	997	14.048	-63.84	0220	24.12		5	100	
	-36.43	¥00°	18.848	-24.33	V6.50	1/H-H-	40.0	2 4	7071	0.01
	-30.79	270.	-8.615	-44.03	047	13.0	1 1	2 2		
	C0.K7-	5/0.	-0-170	25 1 7	1	1	70.71		070.0-	
	14.07-	9/17	27		2 1		66.7	00.	614.8-	7.7.
		1 2	223	2 2	200.	0.00	, , , , , , , , , , , , , , , , , , ,	30.	-4.211	-10.0
	1-4/-	1 1		00.5		970.9	10.71-	079.	120.8-	-10.2
•			100	07.61	100	7.840	-10.55	248.	-7.041	-15.8
•				00.00	26.7.	1.675	7.01-	0.470	1/9./-	15.4
l	****	•	201	00.81	200.	-7.513	-15.68	00%	015./-	-15.06
171.0-	10.07-	۲۰.	-6.788	C+ C1-	0000	10.84	-1 4. 7.	7	4	-
-7.400	CK * Q T -	121.	162.0-	-13.40	004.	-0.283	-14.11	200		7
-2.060	27.57-	٠. در	279.6-	-11.67	UC 4.	158.6	3	9		
*CC.C-	94.71-	101.	044.4	+7.01-	000	414.4			300	
してつ・ひー	10.01-	.165	-5-214	44.61		7 7		200	77.06	V
-4.070	27.5	981.	200.6-	48.7-	1 4	1,000	7		0 * 0 * 0	
74/ 44-	27.0-	۲,۱۰	4.8.4	7		1 3	2	00.	620.0	1.
10·-	11./-	017.	70.4		74.1		•	006.	600.	9
525.4-	91.0-	677	725.41			1 1 1	***	20100	14. (15	4.4.4
14.400	15.61	3	11.4	, ,		200	0	6.653	700.71	0
15.104	1,1		111111111111111111111111111111111111111			070	~~~	0000	-4.530	1.4.
.4.30	-3.84	7/70	, , , , , ,		000	7/4.5	44.5-	7.550	-4.475	14.6-
0/1	200		1 1 1	7 4 7 1		A 7	00 .	7 · / 60	7 * * * * *	7.5
707.	76.50	905	7 - 3) - ·	יכל.	075	***	J & 850	424.4-	-4.3
	;	,))	774.	74.7-	7.000	164.47	26.1-	3.000	-4.433	-1.0
	100		1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	UND UND		11.57 124.77 100.00 100.	The property of the property	Mail Mail	AND COLOR OLONG 15.007 119.01 0.000 29.200 1.019.01 1.019.01 1.019 1.019.01 1.019 1.019.01 1.019 1.019.01 1.019 1.019.01 1.019.01 1.019 1.019.01 1.019 1.019.01 1.019 1.	Color

Table 37. Azimuthal Magnetic Field (Sea Water), Frequency = 100.0 MHz, VED Height = 4.50 m

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ξ.		(OF 6)	ž ž	(90)	(UE 0)	(FY)	(90)	(UEG)	(F.F.)	(pp)	(UE 6)
000.0		23.54	000.0		78.45.1-	0000	190.00-	-154.15	0,000	•	-154.60
100		101.00	700.		-160.00	010.	-76.114	-104.42	0°0°	•	17.01-
700		180.66	000.		-113.30	272.	450	-66.32	990.		45.10-
200		14.79-	A 0 0		-1000-01	050.	-65.78V	74.74	つアコ・		-Cb. b.
3 0		70.07-	775		145.40	24.0	-63.064	-30.67	021.		-64.45
500		KQ**/-	C7n.		V0.0/-	3000	-c1.01a	-31.21	150		-44.04
900		2/00/-	₽ † ⊃•		-64.08	000.	V04.V1	-21.73	.180		-20.02-
100		-00- //	170.		C4.EC-	010.	140.81-	-23.11	.<10		-19.10
80°		-66.76	*20·		-45.64	000.	-17.004	-23.01	042.		-10.01
500		+1.46-	/20.		c] •] • •	242.	-10.070	-21.26	012.		-17.00
010		100.64	000.		-36.11	001.	192.61-	-17.75	0000		-16.0
[]		44.14-	• • • •		C0.5.6-	011.	-14.553	-10.41	025.		7.5.1
210°		-40.00	020.		15.50-	.140	-13.925	-11.42	200.		-14.3
.013		24.64-	¥50.		-61.34	064.	-13.365	£1.01-	045.		-13.50
5 (1)		94.24-	740.		-42.Ub	047.	148.21-	-15.13	071.		-17.0
• 015		-33.73	C+0+		-63.67	061.	C0+071-	17.41-	054.		1.71-
915		41.15-			-21.30	007.	155.71-	-13.34	307.		7.11-
. 17		-34.77	160.		-17.12	077.	-41.613	-16.53	ore.		7.01-
e [] e		-36.56	. 0.04		-18.29	.100	19711-	-11.77	210.		-101-
610		74.05-	150.		-16.55	767.	ハオス・コャー	-11.04	0700		7.
. c 20		-60.40	. 000		-12.01	• < 00	249.01	-10.36	000.		13.4
.021		-60.07-	100.		-14.11	217.	-10.384	17.70	.630		Į.
. u 2 2		55.47-	0000.		10.01-	45.20	-10.133	70 · K -	199.		-7.B
.623		46.462-	.00%	-7.073	-16.13	06.30	224.41	14.0-	040.	3.000	-1.3
* C 64		50.12-	2/0.		-11.86	210.	17.004	24.1-	120		-6.8
6.00		94.02-	د/ ٥٠		-11.03	000.	784.41	±5°/•	041.		-6.4
977		C1.4.1-	200		<7.01-	102.	262.61	10.0-	00/.		7.01
77.		74.17-	107.		10.4-	0/2.	-9.160	-6.24	.610	111.6-	-5.4.
10 ; V		12.01-	† B.>.		-4.01	102.	154.0-	+1.c-	740.	•	7.51
\$ 0 0 0 0		20.01-	.00		ŭ.	1620	-B.BUD	15.0-	078.	FF. "D-	
010.		11:00	080.		-7.51	200.	200.0	10.11	004.		1:1
• 0.35	100.1-	110.68	4105	100.0-	-4.72	555	18.080	74.71	1.000	200	7 7 7
010	105.1-	-0.03	.140	-1.043	-4.30		-1.671	7.	1.200	1,00/3	•
 	cc1./-	20.4	دد ۱.	-1.308	•. Jb	004.	-7.393	٠,٠	1.50	-1.330	1.1
900	100./1	44.1-	DC1.	-1.144	1.40	.500	1.464	40.7	1.500	-1.665	7
رن. درن.	V 0 V • 0 I	, ,	4102	411./-	3.14	300.	-7.130	2000	1.050	-1.1.6	1
000	110./1	C**>	201.	-/.116	21.4	2000	-1.136	5.53	1.000	-1.135	5.10
٠. دور	040./-	*7.	۲,۱۰	-/-18]	0.63	.650	-1.195	6.47	1.350	-7-197	7.1.
5 L	7.0.7	٠. در	012.	1.303	7.16	20%	-7.321	77.0	2.100	-1.323	0.0
ر د د	747.7	20.	(77.	- テオ・ニー	¥2.¥	061.	-1.500	7.17	6.650	-7.508	10.04
200	r r D • - 1	7.36	0.47.	-1.743	10.00		Je1.1-	11.34	004.7	1.67.1-	11.5.
0 0	7.0.01	90.11	CC2.	10.040	14.47	.650	150.0	16.53	U< <.>	1 < 0 . 6 -	13.14
2 d	D . D .	16.03	0/2.	10.40	14.64	306.	10000	14.72	001.2	011.8-	16.8
0.0	710.0-	1	CDV.	\x. \x.		5				•	
				,		000	70.0	09.01	7.850	100.00	-01

Table 38. Vertical Electric Field (Fresh Water), Frequency = 0.1 MHz, VED Height = 0.00 m

		0 0 0 1 1 0 0 0 1 1 1 1 1 1 1 1 1 1 1 1	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	100 100 100 100 100 100 100 100 100 100	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	104.38 104.38 104.38 104.38 104.38 104.38 104.38 104.38 104.38 104.38 104.38 104.38 104.38
7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7		0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0		2000 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	1001
7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	7 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	1000 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	200 200 200 200 200 200 200 200 200 200	00000000000000000000000000000000000000
7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7		7 0 0 0 1 4 0 4 7 7 7 8 9 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		100 100 100 100 100 100 100 100 100 100	20 20 20 20 20 20 20 20 20 20 20 20 20 2	4
7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7		0 0 0 1 0 1 0 1 0 1 0 0 0 0 0 0 0 0 0 0		1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	200 200 200 200 200 200 200 200 200 200	
7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7		0 0 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1	200 200 200 200 200 200 200 200 200 200	11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	~~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~	2
7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7		7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7			~ 2 0 7 4 8 8 7 6 7 7 7 7 4 7 6 7 7 7 7 7 7 7 7 7 7 7	1 1 2 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
6 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		14 14 14 14 14 14 14 14 14 14 14 14 14 1	0 0 1 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1	1	2	24 - 4 - 4 - 4 - 4 - 4 - 4 - 4 - 4 - 4 -
7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7		4 0 1 7 7 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	3 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	77777777777777777777777777777777777777	10 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -
10000000000000000000000000000000000000		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	7	748888999999999999999999999999999999999	181.97 181.86 181.97 181.86 181.97 181.86 181.86 181.86
7 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		# 7 1 1 0 0 0 0 0 0 0 0	10000000000000000000000000000000000000	, , , , , , , , , , , , , , , , , , ,	4807670 660060 74444 74444 74444 74444 74444 74444 74444 74444	141.90 174.30 174.75 174.75 176.75
6 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	00000000000000000000000000000000000000	7 11 NO	20.00.10.10.10.10.10.10.10.10.10.10.10.10		207/V70 2000 2000 2000 2000 2000 2000 2000 2	-74-30 -74-30 -76-75 -76-38
77 77 77 77 77 77 77 77 77 77 77 77 77		11111111111111111111111111111111111111	10000000000000000000000000000000000000		0 7 7 N 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	77.01 -74.75 -76.54 -70.38
7	00000000000000000000000000000000000000	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	000-100-100-100-100-100-100-100-100-100	1 1 1 1 1 1		-74.75 -76.54 -70.38
7	00000000000000000000000000000000000000	4 6 6 6 7 7 7 7 8 8 8 8 7 7 7 8 8 8 8 7 7 7 7	24.44	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	-76.54 -70.38
60000000000000000000000000000000000000	70000000000000000000000000000000000000	444444444444444444444444444444444444444	124.44 124.44 124.44 124.44	111	777	-70.38
7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	00001 00001 00001 00001 00001 00001 00001 00001 00001 00001 00001	24.7.7.7.7.7.7.7.7.7.7.7.7.7.7.7.7.7.7.7	124.71 124.74 126.57	1 1	7 7 7 1	74.20
7	0 C C C C C C C C C C C C C C C C C C C	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	53.44	200	100	
711 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	777777	53.60			200
7) 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	10.70-	3	4	200
7 6 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	A A A A A A A A A A A A A A A A A A A	14.403	19.10-			07***
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10111111111111111111111111111111111111	 		110	2 2 2	7	100
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641.33.33.33.33.33.33.33.33.33.33.33.33.33	Z.300	*74.4-	30.7.1	0000	5.4	
7 1 5 1 5 1 5 1 5 1 5 1 5 1 5 1 5 1 5 1	7.400	134.1-	-49.16	004.0	451.4-	47.45
1777 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		dck . *-	43.47	7.200	- V - C - V	46.05.
7,7,7,7,7,7,7,7,7,7,7,7,7,7,7,7,7,7,7,	2,500	14.400	-47.78	7.500	->-176	7 4 1 5 1
0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Z.600	8/6.7-	-47.12	7.800	C80.4	20.00
14.53 15.53 16	7.700	184.4-	14004-	201.0	35.0	10.00
7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	V • BCC	244.445	45.43	0.100	240.0	77.00
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	30 A • V	-5.000	145.60	3.700	14.744	-43.57
14.31 9.44.31 9.44.31 9.44.31	3.000	<00.4-	14.5/	3	18.646	14.41-
166.37 166.37 26.07 26.07 26.09 26.09						
0/7.71	3.500	100.01	95.14	2000	307	200
- C + 4 1 4 - C - 4 4 4 0 0 - C - 4 4 4 0 0 - C - C - C - C - C - C - C - C - C	2020	2 14 . 4 .	-34. //	20.3	17.77	7.50
044.2-	4.000	D14.4-	-30,40	2000	-1.775	C4.
-6.413	30000	-4.040	16.5.5-	000-01	1,44	40.77
	2.500	-4.150	31.00	۰۰	7	20.74
944.7-	2000	-4.003	17.67-	233	, 41, 41	1
+10.7-	0.00	644.	76.17-	2000		24-14
-4.567	2000	¥64.41	-60.63	71.000	494.4	17.17
456.2-	006./	466.44	10.47-	11111111	/ 17 '5-	43
145.7-	2000	UC2.4-	-63.47	222.17	5.080	4
FCC*7-	3000	-4.140	-46.63	100.02	200.4	20.00
<<<.>-	0000	F + 0 + + -	-41.11	000012	240.41	74.7
C • 7 -	000.		53.37	797.00	14.4-	7

Table 39. Vertical Electric Field (Fresh Water), Frequency = 0.1 MHz, VED Height = 2247.60 m

(CEG) 143.17 143.73 143.74 143.06	74 (17) 74 (17) 74 (17) 75 (17) 76 (17) 76 (17) 77 (17) 78 (17) 78 (17) 79 (17) 79 (17) 79 (17) 79 (17) 79 (17) 79 (17) 79 (17) 79 (17) 79 (17) 79 (17) 79 (17) 79 (17) 79 (17) 79 (17) 79 (17) 79 (17) 79 (17) 79 (17)
	-5.686
¥0.75-	
133.61	-5.655
	5. 150
	-6.631
	-5.140
- 1 / -	
-12	

I a second

Table 40. Vertical Electric Field (Fresh Water), Frequency = 0.1 MHz, VED Height = 4495, 20 m

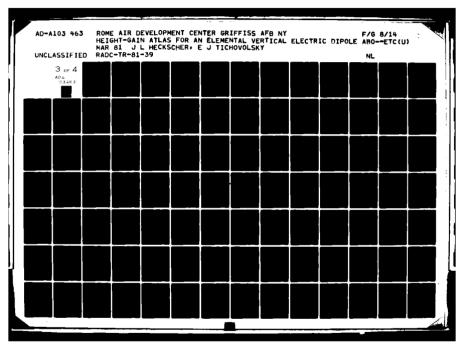


Table 41. Vertical Electric Field (Fresh Water), Frequency = 1.0 MHz, VED Height = 0.00 m

				SOFT WINDOWS OF STREET	307-7-1-1-1	-	3974XX800 EV 0	O#N# #40E		NOCE OF A CORRESPOND	CANTANCE
te IGHT	4	Pri45t	4c 10n1	a 7	1 1 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	nt jour	Ą	7	ביין ביין	4 J	7 4
Î.	(ca)	(050)	(M Y)	(60)	(0,10)	2	(90)	(0,00)	(¥ ±)	3	15 4(1)
00000	160.00	140.60	000.0	250.11-	-66.11	2000	10.093	-44.65	000	-67.413	-95.70
600	101.0-	12.45-	210.	+40.11-	-60.00	090.	151.81-	-70,36	001.	- 41.403	-86.0
900	-0.100	74.45-	272.	-11.068	10.46-	000.	-18.130	77.7/-	200	-41.335	-70.4
600	-0-113	-34.03	757.	-11.070	-54.66	353.	ナナコ・ロマー	-10.63	0000	-70.07-	14.45-
210	111.9-	19.05-	343.	-11.078	->h. 45	171.	770.81-	100-	004.	-43.446	
615	171.0-	-30.00	050·	920.11-	40.00-	051.	176.21-	-63.38	004.	-63.044	.44.
870	-0.164	-3/.68	200.	¥90.11-	C+*+C*	180	011.11	44.40-	000.	-64.116	0.45-
051 051	-0-100	02./5-	0/0.	950-11-	-53.63	012.	-17,605	-50.76	00%	763.62-	-34.7.
0.24	071.0-	-3/.10	000	7+0-11-	-54.06	047.	914.71-	-53.71	200		2115-
157	-0-169	-30.75	3,42.	V10.11-	50.05-	1/2.	-1/*/1-	(2000)	227	500-17-	1000
030	10.130	-10.30	201.	*** · 0 * -	10.4.0-	005.	166.91-	/1.01-	1.000	740.440	2,47
033	70.130	10.05-	011.	404.01-	740.24	055.	-10.77	14.04	1.100	745.00	2
036	-0.1.0-	-35.64	.140	-10.936	04.74-	202.	16.53/	√F. 4.2.4.	002.	14.74	
980	-0.100	22.00-	001.	050-07-	75.04-	176	140.744	1	907	7	
240	121.0-	74.46-	0.51.	168-01-	17.7.5	174	750.071		200	7	
240	C21.0-	-34.55	057	6.0.0	/	1) - 5 - 5 - 1	77.77			
() ()	12.01	1	i	7 7 7				*	0 1	001.01	7.01
1 40	, ,			2	• • •	Ĉ,	670404	4.00	1.000	601011	2.1.
1 1		0 .	•	22/11-	-46.13	770.	146,61-	-33.85	7.00	F17.71-	-10.
1 1	0110-	13.50	1 00	-10.01-	-41.15	045.	120106	-36.33	008-1	*10.01.	C.C1-
150	21100-	C7.05-	> ·	770.01-	-40.14	2/4.	C/8 1-	74.05-	1.300	071 0 T-	
090	/01.0-	-36.01	002.	-16.350	-33.65	000.	-14.640	-21.40	0000	-10.167	
063	201.0-	-36.47	012.	-16.510	120.04	J. 63.	-14.425	-20.37	00T+2	15.744	4 7
990	140.01	-36-13	2000	754.01-	C*./5-	5000	-14.700	100100	200	100	
690	140.01	-31.79	JE 3.	-10.393	35.00	.040	177.11	-0.		71 - 1	1
270	-0.000	04.15-	047.	-10.436	137.74	177	11.7.7		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		
0.75	0/0-0-	21.11	957	-10-27	,	200	1	01.7	004.7	200-1	77
92.0	1/0-0-	- 20.0	1047	2 17					000		
0.81	10-01	23.07.1	2//		3101	00.1	700	7	000.2	000.	77.
9	04.2	4 4 10 1	i X			010	067.0	1.72-	00/07	710.11)))
000	1 4	0 4 4 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	20.7	100.00	, c • > c •	> 0 * 0	100.51	-21.69	V.#00	10.145	40.01-
			0.70	010.01	CO.15.	20.	-16.91-	つか ・つんー	2000	513.35d	J
•	•	-64.33	000.	JU	+1.16-	004.	-16.634	رځ٠٧٠-	3.600	166.61-	,n • 0 T _
501.	244.4-	10.07-	υζε.	17.017	-<1.00	4.000	-11.013	-1/- 40	1000	-17.41	1
021	ナラナ・ハー	96.97-	004.	17.603	20.65-	1.500	-11.050	70.61	0000	1011	
5	F)00C-	-42.18	1450	964.55	-44.5t	1.350	K++ 01-	7.5	3	77.7	
150	C10.C-	-63.00	000.	-6.637	74.03-	200		0107	000	1	9 3
1 65	-5.740	50.77-	ucc.	-6.330	45.55	100	7~	4-71	1		
180	c/9.c-	44.17-	0000	10.047	37.41	200-1		7	000	600.61	
195	->.bvc	04.02-	000.	-1.113	74.61-	300	124.4	****	000	1 1	
۶ <u>1</u> 0	-5.3¢8	-13.37	200	414.	17.91		111	7 - T		0.00	n
522	564.6-	-10.40	uc/.	-1.276		3111	7 7 7	* 1	000	20.0-	, c .
047	2/5.6-	640/1-	200	150.71	1			00	000		
255	-5.363	-10.63	0,00	5/0-0-		30.5	70.7		0000	000.7	0.7
270	->-<-	79.61-	200	4.679		2000		C	000	862.1	***
582	cc1.c-	90.61-	064	10.4.	7	9 1		• •	000	550.1	B7 • 7-1
300	15.00.	55.41-	1.000	-47.44	, ,	1	2010	***	1.000		7
			,	•	11667	2220	0.000	5,40	10.000	5/5.0-	ř.

Table 42. Vertical Electric Field (Fresh Water), Frequency = 1.0 MHz, VED Height = 224.76 m

		1									
F# ()		3 4 7 5	i		3	•					
		30.4	בייון שני		アコトンド	JE 1011		PHASE	Ht Ical	AMP	FHAS
		20.	E .		5	ξ		(JE 6)	Σ	(PO)	(Uto
		1	0000		50.75-	0000		*5.cc-	00000	-47.37B	-67.6
3		10.01-	70.		77.55-	000.		96.16-	001.	-47.307	-54.5
9		79.11-	200.		14.45-	202.		14./4-	007.	P. CO. 434	-4/
0		77./1-	060.		-33.16	040.		143.60	005.	- Cb. ClB	1
710		10.01-	242.		-31.84	074.		34.40	001	145	*
5	104.0-	170.44	o ¢0.	-10.45B	-30.58	061.	-11,333	-30.34	004.	174.47-	11.4
870		ده.۰↓-	000.		-64,35	007.		****	000	7	3
021		-13.66	0/00		-70.10	2 7		7	200	170.00	
920		27.51-	000		7			0.46		000.33	0
120		37.911	37.3		1) : 		10.07	000	6+0 · 1 >-	2.5
030		4				200		-63.11	00%	160°17-	:
-		1	-		26 4 7 .	0000		-21.07	2000	-40.400	2.5
1 6			2		-63.37	055.		-10.56	1.100	-17.73	7.4
		17:11	. 160		-45.54	195.		-10.41	1.4000	-19.153	0.0
5		13.40	051.		-<1.13	340		73.41-	1,100	5	5
740		-13.03	0+1.		-40.02-	024.		1	001	72	. 1
042		-16.07	061.		100.00	3,		1			• :
640		16.36	100		3	1		00.1	0	000	
051		75.11.	17.1		1	201		10.0	1.000	-1/.13	*.OT
950		,				010		19.0-	70/00	-16.704	11.0
7.50					0.00	340		-2.13	1.000	-10.301	12.0
			06.1.		06.41-	٠, د		13.70	7.400	126.51-	13.3
2 4		0 :	000		10.41-	200.		-<.37	000.2	190.01-	3.7
2 4		66.01.	017.		-13.00	050.		-1.1	<.100	-125.221	14.0
		21.01.	022.		-16.10	099.		40.	0020	770 477-	- 51
6		\$ D . F .	062.		-11.30	.040		7:1	V . 300	760.41-	
ָ כְּ		, v.	047.		10.44	.7 CU		71.7	0047	000	4
ا د ا		1.1.10	nc>•		10.4.	061.		67		7 \ C \ 1 - 1	
9 ; 0 ;		10.01	102.		47.51	.700		3	200	7.7.	
180		ハオ·ロー	0/2.		10.00	0.10		, ,	200		
480		07.0-	082.		17.7-	1				200	
.067		-1.83	067.		10.40	1		2 4	000.7	100.01	•
060		16./-	701		7				004.5	-13,029	201
					•	•		•	000.5	-12.906	10.3
2	000.0-	24.6	J	-4.135	-c.36	1.050	-11.340	10.74	50.5.0	1	3
2 :	1/5.5-	14:41	204.	140.0-	9.	1.000	469.01-	74.51		177	1
ر د	70,30	94.2-	3470	5000.0-	٧,٠٧	45.43	440.04.	3	1		
150	15.340	-1.57	200.	-0.64	73.4	704.1	7 ()	200		7 7 7 7	7
165	976.4-		J44.	-0.037	×** ~		170		2 2	61.6	0.23
180	+10.5-	1.03	000.	-1.804	*		2 4	7 1	000.0	- 7.613	0.77
195	45.3US		200	275		000	0000	26 07	2.000	9//*P-	<3.1
210	447.4-	3.5	007		•	006.1	010.0	7 7 • 7	0.00	185.0-	43.6
225	27	1	-		7	001.2	9000	رد و مار دور و مار	2000	-d.006	O * 4 V
240	- 1		20.	0 0 0 0	13.01	7.650	-/-/3>	21.12	7.500	£21.1-	C.4.5
7 7 7	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	10.4	000	100.	74.00	204.7	1.490	<1.45	3.000	-1.529	6.47
70		0 4	0 1	*76.0-	70.0	7.550	762.1-	54.46	8.500	-1.312	45.4
10.00			004	500.0	0.4	7.100	-7.113	< 3.06	9.000	-1.125	65.6
000	2 4 5 1	0 1	DOM:	0,00	£ 7 . d.	7.850	*CK.0-	63.63	4.500	10.40-	40.01
2	1	4.00	200.1	, o o .	13.71	3.000	10.824	Z**17	10.000	-0.827	100
											1 4 6

Table 43. Vertical Electric Field (Fresh Water), Frequency = 1.0 MHz, VED Height = 449.52 m

										•	
E I UHT	4	PhASE	HE [GHT		74455	ne I on f		LABSE	At [Gal	A J	PHASE
ž.	(00)	(ひたら)	(F <	(ac)	(OE 6)	(F.M.)	î C	(JE6)	Ĩ.	(00)	(Dto
000	127.4-	17.10	20000		-44.39	3000		-31.27	00000	184.67-	-47.7
63	701.4-	-0.10	010.		-41.60	060.		-33.33	901.	9/**57-	-34.0
90	101::-	9.50	000.		-15.35	.000		-64.43	002.	440.07-	-66.4
600	741.4-	05.1-	250.		10.01-	つかつ。		-22.61	2000	-64.369	× • 1 7 -
15	・ハー・ナー	10.24	3		-17.30	071.		-21.50	004.	-63.438	, s. j.
15	507.4-	02.1-	JC 7.		-16.11	051.		-16.33	104.	144.540	, J
910	402.4-	20.0-	200.		-14.40	. 100		-14.40	000.	-61.635	Ď.
121	C12.4-	24.0-	2/2.		-13.61-	017.		-11.65	. 700	-40.11.	1.5.
55	1 72 * 4-	22.0-	200.		-16.33	042.		14.51	0000	804.41-	16.4
750	277.4-	-2.04	3.0		-11.19	0/2.		-2.66	004.	-17.218	17.0
30	-4.635	-2.66	100		00.01-	.300		14.7-	1.000	-10.564	7.77
33	5 + 2 + 4 -	14.30	011.		20.4.	0500		55	1.100	-17.000	64.3
36	062.4-	24.50	160		-7.00	797.		10 • ×	1.000	-11.403	46.0
39	967**-	77.4-	061.		-6.53	760.		77.5	1.300	-10.728	4.72
241	193.4-	د۲.۰۰−	347.		17.44	· \$ 6.0		0.33	004.1	-10.21	100
547	0/204-	75.5-	051.		٠٠. يا	054.		2.67	1.500	-15.730	30.1
640	C07.4-	13.60	.160		-3.60	201.		10.01	1.600	-10.617	11.1
151	-4.7.4-	-4.53	0/1.		-4.43	014		11.75	1.100	-14,335	36.0
104	100.4-	-4.66	001.		12.1-			HE .E 1	1,600	-14.408	36.4
151	*10.4-	-1.ay	041.		17	د/د.		**	2000	100.11-	33.6
090	-4.363	75.1-	2000		v.	2000		10.00	0000	-13.73	. 40
63	355.4-	91.1-	017.		1.17	J. 5.		1/.56	2.100	1 5 . 5 . 7 -	2,00
990	040.41	1.00	022.		71.7	• t b v		10.74	7.000	100.61-	35.0
551	14.303	24.1	ut 2.		3,63	.040		4.45	2.300	-14.132	35.
,72	-4.316		747.		5	.100		21.04	7.400	-14.447	30.05
75	34. JOS	67.	DC2.		24.40	06/		76.07	2004.5	-16.667	3/01
,7E	D 4 7 0 4 0	, co.	002.		20.00	, (0,0		*0.FZ	2000	-11.976	4.75
181	714.41	3	017.		٧٠١٩	010.		73.40	2.700	-11.75	5.75
94	074.41	1.30	007.		30.00			54.47	0000	-11.496	7.01
187	14.440	1.71	04.20		2.0	2000		42.00	004.7	-11.253	7.95
96	14.430	2.07	000.		4.65	3 2 3	-10.644	50.45	3.000	-11.056	1.45
55	450.4	3.00	000	20.01	74.61	460.1	305.5	74.8	204.	- 1 0 1 7 u	3
120	4.030	95.0	3	, (, 0, 4	10.0	1000	117.6-	****		70.	1
135	14.140	/.ce	3470	1.040	17.70	200	· */ • 0 -	10.61	3000	747.0-	3
150	1/0.4-	,	300	2644	700,7	3.7	905	11-1	0.01	4 7 1	1
155	210.01	77 "01	344	9cf./-	65.43	0 0	055.	00.00	2.0.0	1,010	45.43
100	-5.10y	16.45	0000	-1.633	61.33	200	-1.630	40.72	2000	1.470	ţ
56.1	247.6.	20.41	.000	-7.170	16.00	1. You	765.2	46.35	2000	-7.603	7,
013	*£ C · C -	15.58	00%.	-1.165	36.65	204.2	2022.	2000	000.	19. 46	10.1
527	15.143	1.000	uc/.	-1.106	55.35	7.630	< c0 . 1 -	13.61	5000	-6.463	17.7
0 + 2	17.71	13.00	2000	-7.104	10.10	0000	-6.455	4/005	3.000	-6.100	20.0
522	C12.0-	19.17	JC 2.	-1.133	34.64	UCC. 2	10.007	10.7	3.500	126.6-	26.1
270	10.410	63.63	20%	-1.130	67.17	20120	108.0-	12.05	2000	-5.558	3.5.4
3.95	00/00	17.67	7			٠					
				20201	00.5	2000	2000	74.1	3.00°	200.0-	,,,

Table 44. Vertical Electric Field (Fresh Water), Frequency = 10.0 MHz, VED Height = 0.00 m

JC.C KM	IU.O KM UCANKANCE		SU-O KM DOBNAR-4GE	ENRANGE		100.0 AM UC	NH DOWNKANGE
	PHASE	HE JUHT	A T	FIMASE	ME LONT	AM	PHASE
(KM) (UB)	(UE'C)	(F.M)	(na)	(UE 6)	(M.K.)	(90)	(DEC)
701.07- 010.	-71.75	0000	10/1816	144.06	200.0	797.84	10.04
	-00.10	.000	10.454		200	144.00	V
941.030 -050.	¥£.UC-	040	-36.734	-24.6F	0000	-31,565	47 - 21
		27.	-68.657	-10.40	77.	-64.139	-6.3¢
		201	024.07	-15. la	005.	-67.636	-5.10
		20.0	10000	34.7.4	000	261.62-	7
		0.47	-63,364	2	000	700000	~ \
		012.	70**77_	-0.30	2000	-44.504	76.2-
		005.	161.19	-1.42	1.000	-41.660	40.5
		000.	-c0.834	-0.70	7.100	-60,405	-4.43
		000	-50.160	01.0-	7.00	-40.444	-5.5-
		0 1	000.61	00.0	005.1	960.41	20.7
		1	104.0	2 2 2		C20.61-	C .
		300	367-71-	0 4	0000	n : : : : : : : : : : : : : : : : : : :	70.7
		014.	064.11-	2104-	200	7	7.4
		240	140.61-	7.5	200	X	5 5
		0/5.	C69.01-	-3.68	7.400	-10.717	F 4 - 1 -
		000.	-16.314	14.6-	000.2	-10.330	7
		.630	175.964	-3.6.	<-100	-15,431	-1.30
		.600	079.61-	71.5-	7.500	-15.044	10.1-
		240.	*00.01-	-4.47	4.300	-13.363	-1.00
200 ***		1710	400.01	-6.43	7.400	-15.019	-1.66
		2	1 1 1 1	0	2000	£21.1-	1:1-
•			7/- 11	C	2000	701	* :
•	70.0-	1 0	113.673	77	000		7.7
'		2	144.00	X	200	976	5 - 7
•	٠.	204.	14.450	-4.19	2000	404.67	70.7
		000.1	1/4-21-	1	111111111111111111111111111111111111111		,
		1.500	105-11-	74-1-	0000		
		uct. 1	-10.4 44		004		
4/1.01- 00c.		004	100.01		0 0	10000	
		1	7	77.	000.	1000	c i
110.7- 000.					0000	K * 0 * 6 1	20.
		200	001	* :	2000	1, 130	٠. ٢٠
		75.4.5	-0./63	٥ ٢	000.0	-0.124	
		001.2	.6.333	83	000.	-4.334	76
		7620	786./-	77	1.500	-7.38	200
		J. 4.0	-/.663	72	2000	1,000	7
.1- 000.		4.550	-1.373	10	000.0	1,27	
		001.0	-7.108	.03	4.000	YO ? - / -	
		6.50	-0.865	44	4.500	000	74
			10.043	4	0000	-0.04	,
	10.1- 46	2.000		•			

Table 45. Vertical Electric Field (Fresh Water), Frequency = 10.0 MHz, VED Height = 22.48 m

3.6 AM	G.C. AM. CORNARNOR		10.0 KM UCOSTANIS	January CC		SOUTH THE TOTAL OF THE STATE OF	OF NEADER		TOTAL	PANA
it I unt		nt Ion		PHASE	Hr I Gn I	A	7. A.	7E 1001	AME	FHASE
KM) (UD)	(UE 6)	(A.R.)	(00)	(UE 6)	(2.2)	(00)	(050)	E L	(50)	(UEG)
٠	Ī	0000		15./5-	200.0	118.91-	C4.10-	00000	-41.653	-06.0
•	•	070.		-11.11	253.	-75.153	-20.53	.100	-34.272	,, ·,
•	•	.000		-36.00	909.	-36.656	-7.11	007.	-33.038	15.4
•	٠	050.		-43.08	0.0	-67.71	7.76	2000	-30.517	ñ * ^ 7
•	·	313.	-	42.61-	771.	-47.656	22.0	224.	-28.130	4.12
٠		161.		٠١٠,-	101.	-65.477	14.7	004.	-46,285	66.b
٠	Ī	000.		-4.63	.100	176.42-	£7.1	2000	-64. 180	63.4
•	Ī	0/0.		46	217.	-63,370	10.43	700	-63.261	7.47
•	Ī	9000	•	10.2	7.	-44.340	10.04	2000		7.97
•	Ī	0.50	•	4.4	0/2	24.400	17. 15	005	***	247
•	·	001.	-	/4./	700	484.02	2007	000-1	F.C. 0.7-	1.47
•		377		5		1 1	47		7	
		-				1			3 7 7	
		3		0 -	•		C	7000	77067	0.0
•		7		5.00	2.5	100.00	00.00	000.1	200 61	0.0
•		24.	•	13.01	.440	· * * · · ·	26.20	004.1	-10.031	ζ 2• Φ
•		351.		14.03		0/1.11	66.03	1.500	*0C*/1-	K 20.4
•		707.		10.41		166.01	23.20	1.000	-17.010	70.0
•		27.		16,33	014.	-10.540	75.57	00/1	100.01-	100
•		707.		10.71	2,40	-10.116	73.75	0000	-10.130	2.62
•		3	Ť	7/1/	2) (15.766	70.00	227.	-13.73/	7.07
•		יייי	-	200	000	, 45 .C.4	* ` ` ` ` `	2000	745.61-	
•		27.	•			777 311	44.	3	100.0	1
•				,	2 4	44		2	174 71-	4
' '		77		26.4.1	000	200-1-	1000	0000		
		00.30						0000		0
•		7.	•	11.02	02.	300.	17.7	200	()	0.07
•		200	•	¥C.07	, v	17.700	50.05	7.4530	1//*51-	0.00
•		702.	•	VC.07	10%	いアナ・ワー	41.c2	7.000	-13.44A	7.03
•		1/2.	Ť	77.17	20.	-13.636	25.30	7.100	13.240	7.07
•		002.	•	∠1.5∪	040.	486°71-	25.41	2000	-14.314	60.0
•		042.		21.12	2/9.	-16.753	74.67	2.700	-14.133	0.07
•		000.	•	40.22	20%	175.21-	43.61	3.000	-14.268	600
·		966.	/ 8 3 4 7 4 -	71.37	200	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	7 :: 42	9	1/1	
120 -10-361	10.	201	2/0.01-	17.77	7.00	-10.695	76.37	000	****	70070
		1	7	3		,	1 4 6		7	
		375	7		3 3 4	1000				1
		, ;		1						
		000	240.0	00.0	060.1		71.7	2.500	160.0-	0.
		000	10.10	75.31	000 ·	6.4.0	66.93	0000) t t . D .	2.1.0
		200	7 2 2 4	50.33	1.50	2/0.0	66.75	9.500	-0.000	27.30
		2	24/ 1/-	44.00	7.100	1.737	6/•13	7000	-1.136	66.11
		٠,٧٥	564.1-	74.47	7.50	1.440	35012	7.500	7***/-	CB. CC
		200	-7.200	47.60	7.400	-7.193	17.00	3000	-1.138	, Q 7
		.600	104.0-	*4.77	24.50	-6.476	25. 35	3,000	10.408	0.07
		227.	142.0-	70.17	<.7uu	-0.784	70.00	7000	-0.111	0.07
		DC4.	-6.668	70.10	4.050	-6.610	ZG. 7R	2000	-0.013	0.67
		0000	55.488	67,38	2000	-0.476	49.1,1	10.000	5/**0-	2.4.2

Table 46. Vertical Electric Field (Fresh Water), Frequency = 10.0 MHz, VED Height = 44.95 m

	3.0 KM U.C.	COWNKANGE		10.0 KM UC	CURNEANGE		GOAD TO CANTANCE	JANKANGE		100.0 KM DOBNKANGE	BNKANGE
ME I UHT	Ą	PHASE	ne lon1	A	FHASE	TE 1641	Ā	FHASE	חב ו החד	AME	PHA SE
Ž.	(ng	(OE6)	, E		(UEG)	(F.M.)		(UEG)	(M.Y.)	(P()	(DEC)
0000	-12.074	130.06-	200.0		15.61	200.0		-44.40	00000	611.64-	10.44-
003	-12.07/	-40.40	070.		-46.33	3.030	-	-/.65	007.	-37.132	< 3. US
900	-15.000	-44.37	222.		-14.50	.000		11.54	002.	-31.718	34.66
600	-15.165	-10.01	950.		24.41	373.		71.60	0000	-64.378	38.60
510°	-15.5%	-13.00	340.		79.7	.140		27.40	004.	-65.443	40.63
0.15	-15.434	-11.57	0 0 0		40.4	uct.		31.11	0000	-44.146	41.46
810	-15.65/	10.0-	090.		13.50	007.		33.66	000.	150.22-	44.64
120.	-15.056	c7•¢+	0,00		1/.50	012.		33.53	700	-41.375	44.88
•054	-]+"arx	76.37	200.		<1.1°	047.		30.54	000.	-40.115	20.04
.027	-14.011	٠ 3	0.00		43.14	0/2.		30.06	90%	175.41-	10.0
06،	-14.3/5	ده.۵	001.		44.67	9000		30.55	1.000	-10.535	43.4
.033	-14.134	3.10	011.		47.81	0.5.		17.74	001-1	-11.783	1
•036	-13.871	45.	120		14.67	707		7.04	2	75.10	1
039	3.040	,	051.		7	,		1			
740	774.5	4	3		2 7	1		0000	000	064	
740) i		7		626.61	;
1	100	20 1			100	00.		71.1	200.1	10+*01-	t t . 1
0 6	-16.763	70.	001		33.78	001		#O.04	000	217.11	40.0
200	-16.007	10.15			34.02	014		04.74	1.700	-14.464	1.5.
* 00	17.400	16.51	187.		15.56	240.		44.64	1.600	T+0.+7-	****
.057	-16.630	10.00	361.		20.62	3) 5.		46.45	1.500	-13,930	45.30
090	-14.01/	<0.15	002.		10.05	200.		45.20	~.00n	-13,633	45.45
.063	-11.004	41.31	012.	-	37.44	06.00		4.5.4	2.100	-14,741	45.50
900	-11.50	44.77	022.		31.30	200.		44.54	4.600	-14.514	45.0
000	C K F . 1 [-	63.43	062.		11.00	040.		25.24	7.300	-14,305	45.70
2/0	-11-177	04.47	047*		38.87	.760		20 · * *	004.2	-14,013	45.05
.075	11.004	25.36	UC2.	-	34.30	UC1.		* 1 . 1 . 1	0000	-11.755	,
.078	-1 v. ac >	27.02	197.		34.04	. 100		44.35	0000	-11.4//	40.0
.683	-10.04/	00.12	0/2.		40.00	010.		20.44	7.00	177711-	4
• 0 B4	-10.4/4	c1.17	082.		40.40	0.00		10.44	000		1
.007	-100001-	70.50	047.		27.02	0,00	•	1.00		447	1
060.	-10.145	47.60	006.	105-01-		00%	10.566	4.40	000.5	3, 1, 1, 1	
)
507	211.	36.64	JCE.	-7.661	44.30	1.000	-7.617	42.62	3.500	190.50	1.0.
02.	-0./07	34.16	201	101.01	43.50	1.600	54,853	40.63	2000	-0.063	.1.1.
÷.	997.0-	30.00	1044	262.0-	アナ・ナス	1.000	277.0	40.34	4.500	-0.132	47.00
200	970./-	10.05	. 200	-7.730	40.4	1.500	-7.715	C4./4	2000	-7.003	40.
.165	-1.403	47.04	966.	-1.370	40. Ju	1.650	342.1-	40.01	004.4	- (-)-	2 3
1.30	101./-	*/ • T s	000	-7.031	,1.,	1.000	10.455	40.75	0000	27.0	4
.195	774.0-	42.10	JC9.	46/10	10.US	004.1	119.9-	14.63	005.4	5	7
.210	-6.136	44.03	00/•	-0.244	13.40	001.2	10.460	50.46	7.000	- P. 4 / B	20.70
522	10.30%	40.04	٠/٥٥	186.4-	** **	6.630	-6.245	50.15	1.500	-6.263	74.10
057.	-0.407	۲/۰/۶	220.	-6.263	54.00	004.2	-0.17/	×4.10	3000	**	26. 35
• 255	-0.460	40.03	000.	-6.100	24.06	166.2	-0.100	54.25	3.500	10.0-	33.35
. 70	10.400	20.00	004.	141.0-	23.17	20/00	-0.00	24.04	7.000	-0.067	40
562.	71+-9-	4C.1¢	JC4.	V41.0-	74.40	7.000	450.0-	٠١.٠٢	7.000	6,00	
005.	10,00-	40.50	200.1	-6.179	27.00	2000	10.089	70.43	10.000	45.01	3

Table 47. Vertical Electric Field (Fresh Water), Frequency = 100,0 MHz, VED Height = 0,00 m

10 10 10 10 10 10 10 10			*******			*****	1 1 1 1 1 1 1					
Color Colo		ĭ	35.4	I to I		7	151	A F	1	į		1
100 100		(00)	(UE 6)	(M.Y.)		(UE 6)	()	, C	(CF.C)	E 4		(UF 6.)
100 100		-20.300	-83.64	3		-01.76	0000	-48.266	101.40	0.000		TA . A.D.
100 100		-20.103	99.0/-	100.		√J.£C-	010.	-40.653	-26.03	0 £ 0 •		-8.00
100-c		¥44.77-	¥0.4C=	000		04.55-	020.	-34.856	-11.74	000.		10.4-
100-c		-20.161	07.63	*00.		-64.01	050.	-11.516	-1.17	0.00		-4.63
100-c		441.67-	-41.75	V 7 0 •		-13.20	747	-69.136	-3.75	077.		-1.17
1011		100.47-	CO.CF-	₹		-14.53	000.	107.12-	55.**	oct.		95.1-
100 100		364.62-	-30.06-	070.		-16.07	.000	-65.780	-3.74	.130		-1.64
100 100		-63.10*	14.07-	170.		-10.43	2/2.	426.42-	-3.10	012.		-1.10
100 100		-66.310	-63.80	*>0.	•	12.01	000.	14467-	-4.73	0.50		4.45
100 100		-21.5/4		, z o •		-7.70	OF.J.	-42.50 u	-6.34	0620		10.1
		-20.07-	17.00	360.		10.01	001.	1.657	-4.13	. 300		٠. (٢
100 100		102.02-	-11.64	.033	•	-0.13	011.	104.07-	-1.41	066.		10
100 100		-17.0/3	49.67-	957.	•	50.5	171.	122.02-	-1.73	.360		10
1011.1		-17.160	95.41-	¥70.		50.C-	151.	145.61-	-1.57	0.5.		56
		-10.01-	-13.61-	740.	•	.0.4-	. 140	170.61-	****	024.		76
101.7		-10.13/	-16.60	n 10 \$ 0 *	•	17.4-	767.	C*****	-1.33	.430		
		-1 /.000	46.44-	2,50	•	4.45	.160	-10.00-	-1.23	005.		¥.*
101.7 0.00. 0.01. 0.1. 0.1. 0.1. 0.1. 0.00.		-17.506	75.01-	100.	•	-3.01	0/1.	-11.545	11.1-	015.		74
10.01		-10.000	10.7-	4 00.	•	77.5-	707.	-1/.116	-1.07	340		¥£
		10.476	07.6-	/ 50.	•	51.5-	٠٢.٠	111.01-	30.1-	075.		15.37
100.00		-10.130	19.0-	200.		۲5.7-	002.	-16.336	3. i	.000		رد
10 10 10 10 10 10 10 10		-15.133	21.0-	100.	•	00.2-	017.	296.CT_	. מ	ut o.		16.1
10,		-12.4/0	1.03	• 000	•	10.01	1000	-12.044	E 6 43	.000		15.3
		-12.1/2	12./-	¥00.	•	K#*7-	.630	-13.364	75	010.		J
		-14.001	-t. 02	۵/٥٠	•	56.3-	047.	-15.01>	74	.760		27
10 10 10 10 10 10 10 10		-14.000	-0.40	c/ ^•	-	-6.63	UC 2.	14.730	71	.750		17
10		/55.41-	57.0-	٥/ ٥	•	-2.14	002.	+14.454	10	.780		07
10.00		790.+1-	10.0-	190.	•	10.2-	٠,٧٠	257.51	64	014.		C7
13.097 13.0		070.7	40.0-	• 00	•	16.1-	102.	-15.430	19.	016.		*7
		*00.01-	۲>۰۲-	100.	•	>0.1-	コゲン・	113,690	56	.070		63
1,000		615.51-	*0 • C •	•	•	₹/·1-	000.	13.464	÷.	004.		77
1,000	ų.	, , ,		:	•							
11.57	<u>ر</u> د	2/5.21-	n :	0.7	124.21.	24.11	066.	-16.433	5.4.	1.050	-12.434	27:-
1,000) (170.11-	55.55	021.	190.11-	SI:1:	004.	-11.574	٠. د د	1.500	-11.572	•1.
10 10 10 10 10 10 10 10	ر ا ا	C10 11-	۵/۰۶-	داد ۱.	-16.035	~ ~ .	UC4.	-10.83c	32	1.350	-10.838	11.1
	5 7 10 10 10 10	-10-1/8	-6.30	101.	-10.502	>0.−	200	100.01	₽ ?• -	1.500	-10.004	14
	25.	200.	-6.03	CQ 7 .	14.040	₹:	300	3,69.	*>	050.1	0 50.6-	
	090	****	9/-1-	.100	451.4-	٠. ٥	000.	101.4-		1.500	101.6-	01.
	990	77/-0-	64.1-	c.1.	-0.12+	•4	000.	-0.725	7	05.	٠, ١٧٠	, ,
-1,007 -1,007 -1,404 -1,404 -1,404 -1,404 -1,10 -1,404 -1,404 -1,10 -1,404 -1,10 -1,404 -1,10 -1,404 -1,10 -1,404 -1,10 -1,404 -1,10 -1,404 -1,10 -1,404	070	-0.364	-1.35	012.	-0,334	1 1 1	00/.	-8.335	- 1 -	001.2	₹£	00
	5.75	-1.21/4	27.1-	(22)	794./-	54	٠٤/٠	-7.583	5.	067.7	1.433	000
-/-100	080	100.1-	-1.07	247.	-7.004	20	2000	-1.664	*!	204.7	-7.004	
	082	-1.300	9	دد ،	+16.1-	36	3000	+16.1-	13	055.7	-7.3/4	~ ~ ~
190°0- 0.00°7 [1°- /90°0- 0.04° %2°- 940°0- 0.00° 1/°- 790°0- 10°0- 10°- 1/°- 790°0- 10°- 10°- 1/°- 790°0- 10°- 1/°- 790°0- 10°- 10°- 10°- 10°- 10°- 10°- 10°-	060	101./-	0	0/2.	-7.10y	15	227.	-7.110	<u>`</u>	4.100	-7.110	00
**** **** ***** ***** ****** ****** ****	560	700.0-	٥,	C97.	-0.000	1.63	004.	-6.46/	::	050.2	100.0-	00
	001	10.01	7:	. 300	-0.043	97.	000.1	10.0	01	3.000	+2.0.0+	00.1

Table 48. Vertical Electric Field (Fresh Water), Frequency = 100,0 MHz, VED Height = 2.25 m

Mark		!									111111111
	100, 100,		•		7.44.7	75 604	T X 4	7.24.7	1E 1041		FAMS
	100.404				(1)	7. 5.	50.00	(050)	£ 1		(Ut 6)
					6+.06-	3.0	1770/	-61.45	0000		-62.27
	104, 101 104, 1				-62.63	040.	102.66-	٠, اع	JE 7.		19.30
	17, 10, 10, 10, 10, 10, 10, 10, 10, 10, 10				0,40	. A.	108.50-	10.01	.050		< 3.03
				•	, , , , , , , , , , , , , , , , , , ,	20.0	7 7 7 7 7 7	14.73	0.50		64.47
	100 100				77.	7 /	10.00		001.		19.67
	1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,						177.01	2000	201		60.00
	1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	•			11.65	3	164.480	[4°47	37		2 4
	104.17.	÷			19.01	000	104.77	70.17	3,7		66.70
	114, 121	ċ			11.10	049.	199.17-	62.63	6/7		60.00
				•	£0.09	100	120.02	nc,•€7	000.		14.07
	114,133 114,131 114				C1.35	011.	-17.860	71.65	155.		40.43
		:			64.12	271.	187.41-	[K • C]	nac.		67.05
	244, 11	٠			60.ut	164.	-48,550	10.07	3,50		67.11
		;			06.22	7.7.	C44.11-	12.07	n>+•		c?.16
	10, 10, 10, 10, 10, 10, 10, 10, 10, 10,	å			63.60	.454	-11.400	20.36	24.		41.60
		.			10.62	. 1 m	£16.01-	50.43	264.		6106
					63.40	.11.	C24.01-	20.00	014.		61.61
	10, 10, 10, 10, 10, 10, 10, 10, 10, 10,	:		-	67.7	001.	550°07-	62.40	.748		21.31
		ė,			64.37	. L 4 c	101.01.	40.00	0/5.		45.72
				•	70.00	000.	3,260	(1.0)	200.		41.30
	1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	•		-	64.13	0170	316.411	14.02	360.		67.37
	102. 102. 102. 102. 102. 102. 102. 102.	•			CE - 45	200	114.030	70.00	000.		7.4.7
	100 100				77 - 6 3	06.0	100.11		2.		
	10.117	2			20.00	0 1	120.		77.		07.7
	20, 20, 20, 20, 20, 20, 20, 20, 20, 20,			-	, ,	00.0	200	20.	001		2.7
	24, 24, 24, 24, 24, 24, 24, 24, 24, 24,	-		-	100	200	12/15/1	2000			200,00
	11							1/	2 1		7 7
	111	7		•	65.65	20.0	17/07/	210,0	270		45.77
	1000 1000	7,		•	65.43	0000	264.21	21.50	202		67.50
	Variation vec. Ve. 25 continue vec. Vec. Vec. Vec. Vec. Vec. Vec. Vec. V										
	000001	2.		-11.400	60.35	0000	787.11.	11.35	050.4	107-11-	/00/2
100 100	10 10 10 10 10 10 10 10			KC0.01-	10.47))	-10.656	21.36	0000	160.01-	67.11
	00000000000000000000000000000000000000	;		701.4-	65.73	004.	304.4	00./2	066.1	4.438	47.85
	Cdb.07 bcc. 5c./3 cdb.07 bcc. 14.40 bcc. 14.	52.		-7.300	61.10	3000	-4. JOS	<1.13	1.500	- 7. 364	61.37
1030 - 1 - 1 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2	14.01	ņ		042.0-	61.30	0000	Jes 450	21.46	1.630	10.00	10.02
1,450	1, 10 1, 17 1, 10 1, 1	3		173.0-	26.12	0000	777.21	C0+6.7	1.500	-0.416	41.02
0.01.5 *E.02 000.7 *C.00.1 *C.	0,404,7	į.		*50.11	11.12	Je 3.	160.00	£1.02	1.350	¥70.6-	46.03
00.5.5 CUB-1.7 CC1.5 CL.7.5 UL-2.7 CC2.5 C	CU**)	ė.		10/*/-	21.30	, y	0.00.	co. 34	<.100	-1.6935	74.47
	761.7	,		0150/-	21.02	٠٠/٠	C04.1-	74.07	4.630	404.1-	46.03
2,550 - 2,451 - 2,550	156.43 bea. 40.00 abt.ol.			-7.156	67.034	336.	261.1.	50.65	004.7	-7-130	4.00
007.0 00.40 047.01 004. 47.40 047.01 077. 027. 027. 027. 024. 024. 024. 024. 024. 024. 024. 024	14. 140 CH. 14 . YOU - 14.			-0.730	10°07	.000	156.0-	20.00	4.550	10.430	67.40
GC#'\ 11.4\ 01c.01 GC*. GC*.12 [BC.01 CG).		0		· (*/*)	4))) ,	37.0-	94.00	207.7	-5.734	10.40
	07c.0- uck. ck12 [8c.o-	0		-a.0a-	۲۰. ۲۵	J.C.V.	-6.570	77.5	0020	-0.013	4.40

Table 49. Vertical Electric Field (Fresh Water), Frequency = 100,0 MHz, VED Height = 4.50 m

Table 50. Radial Electric Field (Fresh Water), Frequency = 0.1 MHz, VED Height = 0.00 m

	t Lunt	į	1541.7	101.10	1	1	tool 45	17.4	t
101/2	<u>{</u>	_	(,,,,,)	7.5	(60)	(4.7)	; :	1	
100 100	3.	ì	6/00-	2000	-64.731	12.001-		7	, , , , , ,
100 100	. L 3C	-	41,000	004.	-61.105	14/.60	22.0	757.10-	-
100, 100,	3		1/5.36	202	CU++12-	1:1.63	200	100.001	110.70
	•		110001	. 3 6 6	Je 1.05 v	4.6.50	276.	736.967	
	,		110001	JO#*	F.F. 101	14/.30	1.600	-16.11.	2 - 2 - 1
	-		113.15	VVC.	-cr+155	14/41	200	121.50	
	C 1 -		1/3.16	30	-10.410	141.67	3000	104.66-	2 - 2
	5.0		112000	20%		13.1+1	221.0	355.66-	1
1001 1001) ;		110.00	996.	106.77	12./41	0.14.0	157.40-	\ • > 1 · ·
	. 673		110.43	50 %	162.62	41./51	6.700	274.5	
	000		172.01	2000	164.566	14/ 14	37.00	20.67	4.60
	.334		115.74	201.1	777.366	10.11	200.0	124.47.	9
	037		111.00	コハン・1	-34.165	140	. 77	2,48,47	* * * * * * * * * * * * * * * * * * * *
	. 593		111.60	3 1 C . 1	744.05-		7 7 7	1	
	37.		7,11	,04.	-30. (2.3	(2)	1	7.7	
100, 100,	664.		111.53	7000	480.00		1	17.	
	74.		111.50	2000	77.7	1 0	3 7 7	144.75	2004
) , (•		113.13	20.7.4	67/11/			100	
100,000 100,	(+1)		67	3	24-17	1 1	• 1	100	
100,000 100,	73		16.67					300.00	•••
100,00			27		10000	20.0	0 .	*01.6	
			200		200	16.641	2 - 0	100.60	5
			20.6	21.	305.55	143.13	3.5.5	312.6	44.
				002.2	FF - 00	1: 33	3.	0.735	11.66
) ()) (7.7.7	5.05.0	24,600	111.03		252.1	16.7
	9 1		1	30.4.2	174.160	14 3.00	1.63.	75/01	36.00
	00.0	•	-117.36	33.4	122.661	143.01	2000	212.25-	77.74
		'	24.01.	226.7	-35.133	146.55	7.000	420.2	74.50
		\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	110011	(1.1.)	-11. 3UC	141.10	20 4 • L	7/4.7	5.30.5
	3 1		01.1.10	230.V	130.030	70.1.1)) ,	13566	1.00
		71.	,,.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	305.3	136.16-	131.13	22/01	145.56-	44.00
	•	36.35	26.2/1-	133. 1	-Je-136	137.10	٠	105.5	53.50
1									
		24.130	-113.36	3,000	-46.367	161.23	2	16.1.4	7 (0 0 0
		- 40.110	-15/.36	000.	000./*-	71.16	10001	124.46.	3
	200	0 > 1 + > 5	40.00	220.1	2000	40.12	10.000	200.11	-4.51
	0.00	011.444	-161.30	0.000	304.7		17.00.0	240.56-	,,,
- 3/-(-2) - 0/-(-2) - 0/-(-2	1.60g		74.01-	004.0	176.76-	- 5.03	3000	, 60, 60	
-1/4415 -36.46		100.04-	21.C+-	3000	175.171	17.1-	222.5	716.1C-	
-3.010 -0.014 /0.00 -0.1.003 -0.016 /0.00 -0.4.507 -0.016 /0.000 -0.016	202.	-11.615	-36.65	0.000	-36.333	-7.13	14.5000	1,00.00	-14
-34.55, *C6.65 (13.6) *C9.659 (11.6) *C6.50 (-65.52) -34.754 (13.5) \$4.00 (-67.7) \$11.60 \$4.00 \$7.50 \$1.50 \$7.50 \$	0011	- 34.040	103.04	0000*/		17.11-	0000	176.4.	
-30.924 - 19.35 - 0.00 - 60.706 - 11.63 - 64.00 - 67.817 - 11.63 - 64.00 - 67.817 - 11.63 - 69.00 - 66.789 - 66.231 - 16.43 - 60.20 - 66.789 - 66.231 - 66.23 - 67.43	(5/1)	. 36.26	C4.33.	3266	-63.363	FC - 7 -	46.50V	120.00	-16.7
		-30.36	20.61-	373.0	201.03-	-11.63	222.50	119.13-	-16.71
-(0.33) -10.43 7.000 -07.75 711.30 (1.000 -06.000 -0.340 -0.460 -0.340 -	20.00	555.27	//・/1-	3,000	110.12	511.43	305-62	-66.191	-16.71
020.02- 320.02	22.	100.02-	71.01-	.000	-61, 113	F11.50	2000	-66.065	-14.11
	į.	-61.67	16.61-	1,16.1	745.445	-11.44	356-13	-65.365	14.31-

Table 51. Radial Electric Field (Fresh Water), Frequency = 0.1 MHz, VED Height = 2247.60 m

10 10 10 10 10 10 10 10
11.711 20.00 11.00
11.271 12.271
(
113.13 113.13
100.11 10
17:13 10:00 10
2000/1 200
20021
200-11
200-11 12-1 12-1 12-1 12-1 12-1 12-1 12-
200-11 17-1 200-11
000-12 co. 000-12 cc. 000-12 cc. 000-12 cc. 000-12 cc.
1.37 C+000 1.30 C+000 C+000 3.00 C+000
1. 31 (1.4000)
000*C2 C+*2
3.00
11111
) ! •

Table 52. Radial Electric Field (Fresh Water), Frequency = 0.1 MHz, VED Height = 4495.20 m

1001 1001 1000									
	FE 16H1	ï	77.45	7F 164	1 2 4	77477	חר 1 כח ו	A	7
	2	200	(000)	ξ :	(20)	(:)4:01	(8.6)	(00)	(010)
100.0000	0000	100.000	40 *C 7 -	3000	476.17-	47.041.	0000	-36.775	٠٠/٢٠
	30.00	101.07		o o → •	-66.035	-104.61	. 100	570.571	156077
100 100	0 :	161.02	*****	000	147.07-	-154.36	220.	179.56-	1530
) ·	667.77	70.10	305.	564,33-	15.501-	35ו	177.501	153.5
) . -	110.02-	30.101.	3 7 •	c/0.0)_	-150.CV	1.600	102.101	153.4
100 10 100 10 100	3 (000.00	12066-	330.	-60.030	41.161-	1.500	104.461	154.1
	7 .	171.00	04.74	. c. c.	121.62-	61./61.	1.000	-34.783	15.001
) . •	+0.0+0.0+	470.00	00/.	1008 -1 2-	19.461-	70107	971.55-	(***)
100 100	040.	200.67-	10.04-	3000	100.731	155.00	7.400	416.65-	15.0
100 100	6420	240.40	14.56-	J. V.	776 47-	-100.30	00/00	234.50-	15()
)) (1/0.0/-	70.00	200-1	100.001	-154.13	3.000	170.04	154.1
100.00	35.	100.00	77.16-	1.100	-30.310	-124.00	000.0	-35.7Un	154.7
10.00	50	270.07-	FC * F & I	1.600	190.00-	-133.30	3.000	-31.16-	154.5
	Of 7 •	100.00	7G.CQ.	1.000	-30.361	-156.63	3.700	-31.563	104.4
	o 4 4 €	100.17-	17./2-	201.	450.11-	00.161-	2004	******	124.
	33.	112002-	01.02.	234.1	356.16-	10.161-	250.0	74.071	13.5
		+60,662+	-24.30	1.500	-31.665	-120.61-	1.000	175.07	2.00
	. 216	102.001	10.00-	1.100	406.10-	15.41-	7.4.40	284.801	156.1
	35.	-00.trc	20.41	7.000	-36.143	714211	201.0	C 20.0	121.
	.7.75	-12.01	27.10-	227.1	-36.46.	-141.30	00/00	470.04-	151
	20.00	K00407-	F 1 - 1 1 -	7507	1111-76-	V4.041-	3.000	161.17.	14.3
100.00	. 30	+00.01	66.11-	20100	070.00	-147.43	3.50	1.107	1:0:1
	. 6	100.00	-12.14	2000	-33.303	15 ***1-	3.000	50.00	140041
		21:00	10.11	1.300	-33.103	-143.13	3.7.0	100.001	14.4.71
100.75	671.	100.001	10.6/-	004.7	070.45-	VA.141-	1.5600	301.64-	146-31
		000.00	.1.07/-	965.7	134.334	140.51	1.5000	125.271	137.35
	7	010.001	¢υ•ο/-	N. t. J. C.	-24.704	11.461-	1.300	FF1.5.1	132.10
	31 V•	307.001	34.40-	20/10		-13/.64	200	コカナ・ハナー	133047
	•	37117	36.54-	700-2		1130-11	301.0	140.01	160.30
		346 46 /-	10.10.	301.	-32.161	04.401.	22/00	176.7	10001
		*********	i.	3000		-130.54)))	100.1.1	
	, , , , , , , , , , , , , , , , , , ,		;	,		;		-	
	, c	300	7.5	0.000	57.6.17.	2171.00	000.01	٠٧٠٠/١	
100.70) () () () (7 6 7 7 1	10.0	3 .	000.801	7:07:	16.000	170.11	40.
			3/ • 6 7)) !	* () .) ;	11.42.	13.500	1,000	₹2•01
		0 6 0	7 · C 7 ·	0000	-46.113	10.00-	17.000	154.940	11.15
	000	160.00	r (000.0	112.	70./1	096.61	150.101	3.0 • 1
10,700 1	000	6 3 3 6 7 -	. T . C C .	0000	100.1	- 33.66	1000	176.30	11.12
	76.	0.0.0	33.66-	200	*4* */7-	<1.13	14.300	-75.344	5.00
	33.	*******	34.36-	1.000	-36. 113	17.00	001.12	303.301	34411
	0.7.	-76.643	-30.46	7.500	+12°40-	14.15	26.500	101.66-	36.40
100.70 000.00 10.11 07.100 000.00 000.00 00.100 00.)) ; ,	7/6-17-	11.50	2000	175.002	00.7	000.00	c41.86-	54.63
10.524 - 10.545 + 10.00 - 10.545 + 10.00 + 10.545 + 10.54	46.6	-1.1.16.0	*(*,•(2)	3 3 7 7	271.46-	70.1-	2000.00	-16.51.	31.
A DO AND A DO CARA TO THE ADDRESS OF A TRANSPORT AND A TRANSPORT OF A TRANSPORT O	0.5	+15.17-	20)))	505.101	40.0	0000	106.30-	33.60
	26.4.9	156.17-	-63.10	1.500	- 74 T	C (1, 0, 1)		1	

0,00 m Table 53. Radial Electric Field (Fresh Water), Frequency 1.0 MHz, VED Height

(#D) 5 K (1-0)	307 1 M1000 5 M 0101	Jak # 49E		:	3 1 3	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		DOUGH AT CORNERSOR	JENKANGE
TITE TO TO THE TOTAL THE TOTAL TO THE TOTAL	1	ž ;	77.07.	בים בי	I	35104	1 Lon 1	JM4	714 St
						10101	11.1	1007	10.10.
2000	100,000		06.5		105.75	30.77.7	200	27	C
. 020.	100.00-		16 3.04	3	1.164	103.00	000.	141.038	70.10
2000	+//**		163. 13	0 F J •	171.464	103.64	000.	-4/.430	15.40
	-30. 106		163.03	071.	-10.110	104.44	201.	-40.163	02.40
nen.	+61.16-		36*321	261.	170.463	106.41	.500	-41, 504	40.10
200	5+5.10-		166,30	Jo. 1.	740.50-	101.43	226.	100.64-	20.07
202	176.16-		161.00	010.	118.00-	101.10	00/•	-40.33	12.00
. 101.	-31.16-		161.43	7	-11.60-	100.38	900.	1+0.51	26.14
	C+6 - 15-		16.1.73	2/>•	246.46-	00.44	つつト・	47.640	14.00
7001	751.26-		74.021)))	575.70-	30.00	2020	アーナ・アナー	10.01
	206.30-		20.411	355.	プロロ・ハウー	16.16	1.100	¥ 40 0 % **	13.68
077.	1/6.26		0	045.	7,000	20.10	1.000	104.4.	10.66
) T T	100.00		¥0.51	0,40	005.0	74.73	200.1	4.4.700	00.48
7	700.00-		90./11	○ 7 5 •	145.0	つし・ウナ	001.	カナロ・ナナー	75.20
	-72.660		111.10	101.	0/1.01	74.26	1.500	979.64-	24.00
. 101.	111.77		117.30	001.	コナナ・コナー	10. F	1.000	ナスナ。イナー	24,64
· ^ ~	-33.000		117.43	P10.	1.503	70.75	1.100	547.647	70.00
. 201.	1,50.00-		174.11	0 0 0	101.11	62.60	1.800	-44.030	45.48
· 141.			11.043	י) כי	1,1,540	73.64	204.1	-43.121	*O * 7 *
	J4. 34G		116.40	, tur	141.127	40.74	2.000	-46.338	30.67
	F7C.45-		111.65	0000	105.11	78.10	701.7	956.73	34.77
022*	010.45-		10.011	. 650	6.036	13.34	7.200	1 75 -1 4-	36.16
162.	732.046		100.	.040	161.2	10001	2.30€	100./-	14.72
· 047.	-35.413		101.63	. 160	702.24	74.47	204.2	C\$C.04-	62.10
100	33,306		100.64	uc).	6.63/	40.34	005.7	*****	63.Cb
002.	-32./67		↑T • † ⊃ T	٠ / ١٥	147.7	63.60	000.7	120.00-	71.00
1 0/2.	- 30. YS	2	アオ・ ソコマ	20.	717.7	£0.70	201.5	147.14	14.01
1 002.	-36-17	٠.	50000	7,00	147.7	20.40	0000	144.037	10.04
•	-3t . 387	_	10.01	6/0.	240.2	۲۱۰۲۲	7.400	177.77	15.41
145.95- 006. 12.	1,60.041		10.14	30 h	۲15·1 ₃₋	50.00 C	3000	-43.10>	13,90
24+45 - UCC. 24+53.	+7.7	*	0 t . Ya	1.050	0.870	30.00	3.500	F/2.73-	77.4
201	-37.031		(1.05	1.600	174.461	20.46	1000	700.46-	,0.
	-3/.50/		26.95	1.350	1.0.10-	10.34	400.4	<c1.1c-< td=""><td>2</td></c1.1c-<>	2
2000	-30.043		47.61	1.500	C04.0c-	10.61	2.000	-35.605	34.
	-35.134		33.44	1.050	-33.063	*~ *	3.500	-34.417	;
200.	-34.500		05.467	1.8000	-33.730	64.0	0000	-33.388	90.1
	-13.304		17.61	U- X - 1	144.70-	10.0	005.4	134.430	-1.17
007.	-36.661		15,51	204.5	016.14	50.0	0000	366.16-	*
04/.	-31.100		5, 77	30/1/	145.05	4	904.7	130.447	
	201.00-		7	204	-64.666	7.10	200.00	744.87	7
969.	-64.618	_	7.40	UCC. 2	-CO. BCD	•	200	-60.737	
•	-60.439		J. 0. C	Z.10U	150.02		000.	*1F.17-	54.7-
. 054.	-41.550		4.50	4.050	-41.360	7.1.1	4.500	-41.460	£4.2-
-	-46.435		3.50	3.000	-40.040	54	10.000	146.02-	-4.53

Table 54. Radial Electric Field (Fresh Water), Frequency = 1.0 MHz, VED Height = 224.76 m

שורטן אר
(00) (FX)
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0 to . 00 to
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+66.16- UU1.
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198 · 1 · 1 · 1 · 1 · 1 · 1 · 1 · 1 · 1 ·
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.cyu -36.669
ינר. שני
•
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•
1/4.05- 366.
.000 -34.300
150.36- UC).
•
ייויחר- חכם.
•
1.000 -61.414

Table 55. Radial Electric Field (Fresh Water), Frequency = 1.0 MHz, VED Height = 449.52 m

	l L	72.477	חב [נחו]	1 2	1 HA SE	HE LUM!	A 7	ran St	אב נכחו	4	THASE
1,	(10)	(04.0)	(#¥)	(ca)	(0,00)	(F.3)	(90)	(00.1)	(F.Y)	(BC)	(UE 0)
	/ tr /	20./ *-	00000	-69.111	10.13	2020	-35.006	74.57	000.0	C10.05-	132.61
	303	20.021-) 	-60.633	-1/3.10	2000	122.66-	10./61	007.	077.75	Y0.041
1,	300	-163.33	071.	700.00-	10.6/1-	999.	135.441	150.73	002·	4+1.0+1	70.0*1
	173	-164.06	000	-60.07-	-116.33	0 × 0 •	-35.665	150.77	000.	245.54-	140.10
	20	-163.03	310.	-CE. 4CE	-116.16	201.	240.41	در ود ا	004.	169.64-	134.30
1, 1, 1, 2, 3, 3, 4, 4, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5,	926	-163.14	ncn.	070.47-	-1/6.00	051.	-36,125	150.65	0000	-45.83J	138.66
	1/0	-166.31	300.	F02.63-	-1/4.04	, a.	196.95-	155.48	0000	121.04-	136.83
19.00	, 40	4C+121-	3,00	504.67-	-1/4.19	017.	-30.6UC	155.41	.700	-40.300	135.12
	017	-150.70	300.	-67.500	-112.70	047.	-36.84/	124.16	200.	-40.046	133.07
1000, 1000	3	54.411-	360.	718.47-	-1/2.13	0/2	150.15-	15**51	90%.	-40.010	130.04
	100	71.7.10	2010	-30.06	-174.10	000	131.350	153.40	000-1	200./*-	167.75
	000	271011	711.	167.00-	41.711-	45.50	-3/.but	156.54	1.100	541.105	164.68
	,	76.711-	271.	154.05-	-1/6.03	nar.	10/1865	151.01	200	VB2 -/	161.48
		1	-		1	7	/ >	0.0	3 3 3	147	1 7 7
	,		1 4	0 - 1	00.1				2 2	2	
									2 2		
	٥.	r:::11	001	051.15-	00.57	⊃ C 3 •	100.01	10.	000.1	7 * ° . * •	10%
40,1,1	/ 5.7.	77.01.1	100	565.10-	-1/3.13	201.	214.87	CF • 0+1	000.1	C+7./+-	162.50
######################################	015	-116.4/	7.1.	-31.646	-1/3.33	٠,١٢٠	77.6	1 1 1 2 2	20/01	9/0./5-	101.24
######################################	1.24	-111.43	701.	-31.43	J 7 3. 50	7	124.40-	146.40	1.800	140.04-	V V
	¥ CC •	-110.35	2×1.	-36.100	-1/3.04	0/5.	720.85-	140.17	1.500	446.354	17.56
	0/2	C7.K01.	2000	-36.469	-113.76	.000	104.40-	130.50	4.000	*****	37.70
	130	11.001-	012.	-36./06	-1/17	.630	0.12>	130.18	2.100	060.64-	85.74
144. 1005 146. 126. 1	214	05.001.	022.	166.75-	91.4/1-		-40.334	133.62	2.500	614.64-	32.40
	7 77	100.00	UE 2.	107.50-	-174.02	0.00	-+0.51e	130.85	2.300	126.44-	14.33
	3,1	400001	7,7	-33.300	02.6/1-	, / 6	240.070	121.53	004.2	110.44-	10.36
### ### ### ### ### ### ### ### ### ##		1 1 1	20,7	7	4	7.	701	3 4 4	37.7	1 1 1	¥ 3
	,	7		4 7 1 4 1	77.47.1		200	13.7	200		
			7,	77.1			200	1 1 1 1	200		
	2 1	10.01	2 1	0 1 2 2 2 2	00.01	0.	7		00.1	***	00.60
	00.	r. +	002.	14.300	67.11	o .	200	113.50	000.2	610.24-	2.0
	,00	40.10	26.7.	C\$7.46.	26.//1) o.	コケナ・コナー	17.84	224.7	9+1.7+-	46.05
	00/	-10.77	225.	-35.346	19.011-	004.	146.01-	100.48	3.000	100.11-	¢4.55
	171	20.46-	v & & .	-31.57	10.01	ucu.	471.0*-	17.24	3,500	810.45-	37.04
10,000 1	576.	04.16-	201.	-34.636	100.71	1.600	-16.841	40.61	000.	-37.018	55.65
	100	71.01-	. 400	-46.103	150.30	1.350	-31.346	16.24	005.4	-45.467	3.30
######################################	61/	-56.63	300.	-43.388	163.60	1.500	148.46-	65.73	5.000	-34.56	56.70
71.16	910.	-20.12	J. C.	190.24-	47.34	1.650	174.570	53.50	0000	-33.203	56.55
	714.	7/ 15-	200.	167.04-	01.96	7.000	766.66-	13.10	0000	-36.152	56.51
10,000 1	.167	-43.36	000.	-36.936	76.13	1.500	-36.356	34.45	5.500	-31.18*	54.70
1551 (30.0 -45.47 (45.40 -45.42 (45.40 -45		44.54		-37.155	99.00	001.2	-31.430	58.95	7.000	Y 10 . UP -	23.66
	† †	15.46-	101.	-35.770	10.40	70707	130.06-	5%.85	7.500	266.47-	53.51
	¥00.	€30.00ª	000.	+50.45-	60.00	004.2	124.42-	54.67	3.000	-60.071	54.16
)::/.	-40.13	160.	- 55. 704	07.70	266.5	267.67-	04.09	9.500	-69,668	55.17
-14.45 47. 000.0 45.45 64.27 000.0 46.21 4.200 45.45. 10.000 45.45 64.37 10.000 45.45 64.37 10.000 45.45	,,,,,	-66.10	00%.	-36.944	63.41	5.700	-68.733	91.44		-<1.133	50.34
1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	741.	10.41-	966.	-36.360	24.12	0000	-60.670	64.17	9.500	197./7-	58.46
	600	17./1-	000	44.44	55.50	0000	-47.Hb>		10.000	1,6.840	54.74

Table 56. Radial Electric Field (Fresh Water), Frequency = 10 MHz, VED Height = 0.00 m

# # # # # # # # # # # # # # # # # # #			1			1	TOP: TANK TOP	OPPRESSED		TOUS OF THE PROPERTY OF THE PR	302445
	i.	1	1 25	1	1	1					
	07)	1 1 1 1 1	E		1000	107 30	E .	ָּבְּרָבְיִבְּיִבְּיִבְּיִבְּיִבְּיִבְּיִבְּיִב	46.16H	A Y	PHASE
	18/1/6	7/		700	1000	Ē .	9	(0,00)	£ .	<u>.</u>	(UP.G)
	0.00		-	70407	1.12	00.0	060.00	-115.72	2000	-01.340	44.04-
	30000		2 2	100.7	70.07	30.	261.76	21.14	204.	-61.574	88.81
	70.4.07	10.01	200	0	71.17	000	007.	50.0	002.	-0/./30	70.00
	300005	1001	7	22.01		-	1 1 1	00.00	000	26.0	8
	30.014	10.001	200	20001	P = 1 \ P	9 11	000	00.1	3	0	
	37.031	10.1	200	1 1	1 1	3 1		01.0	000	000	000
	37.366	20.1	2/2		0 0	2 -	0.00		000	404.00	7
	37.040	103.10	200	" (/ " , 4 =	,		, ,	10.4		102.00	1
	37.1.5	71.001		7 1 1	200	***	704.70	7.00	200.	* 1 * * C Q-	36.57
1000-11 101-12	70.740.5	7	a a a	7011		0.0	2	200	201	-04.494	, Q.
	1779.00	17.66					000	0.00	000.	250.10-	61.33
		? :	•	131.6	00.	77.	10.00	(· x ·)	1.100	270.50	17.50
	1 / 4 - 7 1	7	0 7 -		6/ * 7	200.	20.410	46.63	1.000	-58.36	14.5/
			001	70.6	0	27.5	75.50	31.16	1.300	->/•17/	16.21
	000	21.04) 1	**/ ***	0.4.20 CV.43	024.	24.746	15.25	004.1	-55.466	10.30
	0600	***	001	770°71	91.86		964.50-	70.00	1.500	-24.070	9.80
101/1 11/2 166,210 100	262-1	٦٠. ١٠.	201.	117.040	70.70		-53.153	<1.€5	1.600	-53.85	7.36
1001	001	7.60	2	7.50	J. J.) TC.	26.353	24.15	7.700	->4.485	6.5
	10011	3.0	201.	777.75	7.40	740	-51.5h>	14.62	1.000	-71.474	5.00
	110.1.	, n	0.4.	21/001	45.51	٥/ د.	164.00-	7,000	1.700	->11.11c-	7.5
	006.17	10.00	200.	CCC . 04-	OK . 1 5		140.00-	15.51	2000	-50.646	4.30
	001.74	65.47	010.	C24./+-	37.40	. t. J.		13.47	001.2	144.366	70.0
10.15	151.34	00.07	422·	-47.480	12.00	.000	6.533	16.44	002.5	-40.703	3
	222000	13.54	26.50	120.1-	36.33	.6.70	195./	11.14	2.300	7/0.03-	70.5
000.5 10.0 1	367.74	10.07	0.7.	140.031	64.65	100	315.72	10.10	004.2	BO+ -/ +-	
000.5 10.0 1	7 . 7 . 7 . 7	96.70	162.	7/0.0*-	07.12	JC/.	140.01	***	2.500	-40. (6)	7
	46.636	20.40	262.	-45.548	64.43	06/.	140.011	0.30	2000	341.04-	7
000.5	711.20	61.40	0/2.	101.61	66.33	ο ·	745.516	دد•/	2.700	70000	7
	46.017	در. ۵۰	002.	620.44-	<1.15	9	C C K . **-	0	U00.2	755 79-	7.
	004-14	25.466	062.	011.11.	17.43	.610	115.51	6.67	004.7	44.	1.54
1.55 1.	000.11	26.30	. 300	110.011	11.43		148.51	2.76	0000	-43.720	1.4
1											
	22/004	¥0.F9	J65.	. /4.14-	16.36	200	134	1	1	1	
	37.665	66.55	204.	214.46-	7.2	22	364.50		000-0	' '	0
	.31.150	73.17	JC**	-21.17	6.37	uct - I	-27.17-				
	36.333	10.44	2000	-36.631		2000	77.47-			•	
000.0	24.733	17.71	066.	156.45-	10.5	1	C44.40-	,	9 1		
	33.110	10.00	0000	-33.611	6,10	200-	337.50		000		20.
1.	.36.5/	0.00	JC0.	-36.414	(11)	200	134.400	3			
000.7 0.5. 100.00 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	*26.16	0	00/.	. 31.443	٠,٠	70102	164.10	? -	0000	•	1
000.0 1). 600.00 000.0 0	30.000	5.67	. / Su	374.391	ct • 1	2000	7 23 - 77 -		2	•	07.1
100.0 10.0 10.0 10.0 10.0 10.0 10.0 10.	490*47	4.50	000.	743.010	10.1	2.9	5 A P D 3	? -	0 7 7		13.
000.4 ().	20.04	36.5	3000	-66.776	. 35	2000	-68.785		200		3
. UDC*+ c)*- 215,72 vcc.2 +c. /15,72 vc+. cc.2	210.05	50.5	32.	-co.u3u	ů.	00/00	C 20 0 5 3		000		
000 to 100 1 100 00 1 100 00 1 100 00 1 100 00	21.303	66.3	JU.	-<1.311	* C •	6.330	-61.313		0000		
	212.27	61.2	0000	1+0.00-	,	30.0	190.07		000	•	

Table 57. Radial Electric Field (Fresh Water), Frequency 10 MHz, VED Height = 22.48 m

377,477,600 EX 0.01
TELON! AMP PHASE
(00)
_
466.434
0/1./**
103.
7,0,0
700 37-
764.04-
460,00-
148.180
100.01
150.07
7/9.0
100 100
cf9.8.
•
-*E. 150
4/.865
CC+ 1,4-
•
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121:33- 002:
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***** OF7.
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15/ - 2006
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Table 58. Radial Electric Field (Fresh Water), Frequency = 10.0 MHz, VED Height = 44.95 m

	· · · · · · · · · · · · · · · · · · ·	•				!			- !	ICO O NA CORNEROS	
		100	Lord.	1 2 7	1	į	7	1			
(* *)	, 6,7,	10.11		i	7		L T	7.42	16 161	ARE	PHASE
_			77	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2 1		(20)	(S)	(¥ K)	(P()	(ofc)
_			3 3	, ,		0	98. 1	1.000	0000	151.30-	40.4
		27.001	2/2		77 7 7 7	9 :	200.40	130.61	.100	-04.431	135.00
		00.0	37		1 1) :) :	600	77.14	902.	740.49-	131.8/
	C. 50.7.64-	10.			7 3 4	•)	135.66	200.	27, 40-	165.28
		,			27.11	9 1	201.	136.4/	.400	100000	117.00
is -3t.	١	Y 0 - 13		00000	1 3 6 7 7	00.4	0 10 1	100.07	000.	-04.176	100,43
		. 0	37.		60.00	007	75.	54.47	.600	-63.332	76.00
	-36.70		, T	100	20.11	013.	10.00	7.60	20/	-04-105	27.60
					70.01	3	975.	79.67	000.	-00.000	(3.5)
	(300.04	10.001	0,70	**C.	101.35	004.	-54.373	/3.0/
	-		•	0.0.	27.67	200.	176.16	101-13	7.000	121.441	06.10
			•	410.01	162.11	. 330	123.06/	10.01	1.100	21c.dc-	04.35
			7	276.0	01.771	305.	-13.513	34.40	1.200	192.66-	15.10
				214.041	110.00	345.	+14.26-	24.50	1.300	-54.037	37.00
		r.	> † •	100.301	00.+11	J	101.10-	74.54	1.400	-54.003	2/•16
	*1	()•/•1	161.	445.4400	140,11	JC 7.	-74.JC-	73.64	1.500		
		90.0	.100		105.30	D 6 2 .	-50.17r	16.63	1.600	-54.791	1
		K	2/1.	145.340	106.10	010.	U44.441	67.65	1./00	44.003	24.4.
341.45 - 453	•		261.	125.50	47.43	.36.	C00.8-	27.00	1.600	176.95-	56.00
		7.1.	?×.	010.010	20.46	,74.	140./11	10.00	1.400	-40.000	74.14
	- (3.56.	> • • •	00.00	240.04	22.00	• • • • •	201./1-	5.4.20	0000	147.14-	21.4
	_	۲	017.	1407.604	100	٠٥ ٥٠	146.373	20.10	<.100	-46.475	50.84
	_	11	1990	110.011	27.00	2000	co/.c-	37.50	Z.C.UU	-43.760	20.40
71.00. 64	-	50.62	ut 3.	111.541	0 1 2 0) k c •	540.01	30.	4.300	42.076	50.13
	0	7116	, v	56,400	11.13	./60	101.11	5/033	004.0	073.33-	30.74
	1	64.63	7000	200.00	47°C/	· 7 30	447.5	14.00	00000	43. /36	,
•	-	4.02	162.	166.31	16.17	00).	273.647	33.40	200°	-43.133	77.47.4
	,	76.51	0/2*	110.3.	CK . 0)	015.	460.7	7.10	6.100	-44.006	17.4
	-	56.61	000.	010.011	21.10	0	140.71	17.4	4.000	744.034	20.7
	-		062.	200.11	· / o	٠, ٥٠	0/5-1	33.14	004.2	12011	7
33***	200	n	000	771.17	14.00	306.	100.11	53.20	3.000	010-1	46.13
107 - 35.		1.47	. 550	1/6.30.	2 3 1 1	-	1			•	
		00.00	3	10.00	71.75		141	10.10	0000	-38.723	46.55
.135 -36.357		10.07	004	135456	7		300.00	9.00	000	961.05	, 0°
		7.00	22.0	100.00			77.66	20.00	0000	197.66-	*8.70
	_	3.40		-36.113	1 4	9 1	26.000	16.00	999.	-33.13	77.00
		2	1	* / 4 - 1 - 4		00.	7.00	,	3.500	1/**/	7.7.5
		4.0		1111111				9/ • 05	000.0	-31.373	75.4
		4.13	20,	200000		05.6.1	1 4	\$ \ . \ . \ .	2000	704.06-	36.30
		4.00	76/	3/ 50 8 31		2011	-10.61	1	000	245.62	91.16
		4.10	2	250		0000	100.01	74.4	000.	-60.110	14.10
155 -75.100		200		4777		0 1		٥٥٠٥٠	0000	*****	26.74
11100- 5100		17.70		547.77		2000	1.0.	**	3.00	161.430	79.65
•		*3.50	70.	17244		9 1	000.47	>	000.	-64.406	24.66
1334 -C1.67						0000	100.00	20.	7	フェリーとくし	3.5
				1411	,						

Table 59. Radial Electric Field (Fresh Water), Frequency = 100,0 MHz, VED Height = 0,00 m

ir Iont	L A	10.45.7	חב [ניח]	r F	7 4 10	HE JOH J	Ā	TAN SE	4t [6n]	4	PHASE
	1001	(010)	£ 4	(00)	(0,50)	(M.A)	(00)	(UEG)	¥ ()	(00)	(UEG)
1. Ding.	7,1.,,	22.62	20.0	176.404	-116.15	0000	V45.10-	-50.38	0.000	-16.040	67.6
/ Tan-	201012	40.15	500.	-5/·13y	1.015	010.	784.10-	18.00	060.	-17.108	400
7 297.		10.56	9900	-51.373	10.01	023.	491.10-	42.41	.000	-11.011	75.5
1	1,1.01	7.07	¥00.	-2/.600	±0. 10.	060.	769.10-	13.64	363.	-10.01-	57.40
94- 460	10.1.01	50.7	710.	102.15-	85.CU	3	-01.171	70.07	.120	0/707/-	4 C. B.
CV-1	+6.631	46.34	< 1 n •	-76-76-	04.50	200.	COC./0-	10.04	061.	-14.006	300
•	+00.00	14.04	510.	1/0.00-	77.63	000.	-60.456	50.31	.180	-64.626	(1.0°
Ĺ	100.44	17.00	120.	-50.00%	10.01	0/0.	-42.477	24.04	. 410	-67.304	15.98
·		40.00	*>0.	204.10-	00.00	000.	-63.915	33.07	047.	-62.206	12.1:
·	C03.441	20.00	120.	-5/./34	50°C	25.3	22.4.70-	04.07	0/7.	-63.304	7.4
ľ	010.4.	20.15	000.	cct./c-	10.0	001.	240.10-	54.15	.300	-61.374	7.5
•	147.130	11.73	£ 60.	-56.438	43.36	011.	104.667	10.01	052.	< \$0.00-	0.1
•	F00.64	17.1/	050.	272.00-	44.63	777.	-26.35Y	¥-00	000.	-58.610	, C
•	150.51	10.01	, c 0 .	205.56-	16.16	Je 1.	-21.16-	14.71	045.	106.70-	***
٠	-43. (30	00.30	710.	1+100-	5.5.0.5	77.	-05.964	24.01	024.	040.00-	3.0
· 15 -43	47.070	07.70	C#1.	-33,943	00.47	064.	-24.874	10.30	004.	COFC-	3.5
·	166.44-	51.33	• • •	-53.145	10.62	.100	-53.84Y	9.00	064.	-53.410	Z. D.
•	610.64	53.65	140.	-26.340	70.77	2/1.	156.003	1.03	114.	-56.434	6.3
•	100.41	12.4.	100.	44C-1C-	K0.07	.10	714.10-	21.0	540	-><-011	. v
•	-40.100	45.43	100.	16/ 000-	11.40	7.7.		54.0	014.	0+1-14-	1.7
. 20 -40	40.360	46.66	900.	-56.040	15.46	*CO?	C42.UC-	10.1	000.	-50.317	ĭ.,
	+16./5-	30,33	.003	+75.54	L.C. 4 + 1	012.	*15.4±-	¥.3∠	064.	150.64-	, ~
14- 227.	C/10/17	33.65	• 000	120.0	16.31	022.	-40.700	98.5	.660	-44.173	~-
	617.	36.16	100	066.1.	CO.11	ut 30	140.070	7.8.5	0.00	443.Udy	
	740.04-	10.00	7/0.	016./4-	10.00	0.52.	704.71	3.15	07/•	C17./4-	1.0
520	100.	€1.0c	c/0.	10000	200.	002.	-40.765	V. #0	00/.	1// 95-	
	0/0.	P	0/2	100.001	τ. τ	.200	140.147	V.50	.760	46.135	י מי
•	2000	63.31	101.	¥ 30. • C • -	0.	o/ v•	* CC • C * -	6.37	0.0	200.04	•
\$ 1 1 1	770.53	61.55	100	106.44.	*	.000	77.	71.7		U	6
1 1 1	107.11	0		771	•	067.	0 7 7 . 7 . 1	7.	2.5	717.11	•
7 1	r00.11	0.0	0.00	******	0.61	005.	143.460	E 1 •	00,	-43.366	ř.
3.3	001	16.13	501.	240.14-	3	041.	, se	3/01	2,0) CC - [4-	ř
•	37.500	7.1.5	071.	27.76	20.5	100	155.60-	ž	207	14.7.1	
•	-31.113	21.0	ct.1.	+11.15-	6,63	064.	-21.12	• 6•	1.50	4/1.16-	
.uSu - 3c	- 35.633	*1 · C	061.	-36.660	¥0.	200	-10.445	10,	1.500	-30.445	-
	-34.053	77.7	.105	134.344	1.30	uc 4.	-34.840	٠,	1.650	-34.843	á.
	.000	د1•د	101.	¥¥5.5.5-	1.00	. 600	144.540	92.	1.000	-34.548	5
	0/:	66.2	c41.	-36.400	70.	.650	194.75-	77.	1.350	-34.407	5
	-31.441	00°V	017.	-31.434	90.	.700	-31.433	.17	001.5	-31.433	0.
	-30.407	, o .	c27.	-30.483	* C.	uc1.	130.486	<u>, </u>	7.650	-3006-	•
•	-5×00×	24.1	047.	500.67-	; ;	000.	164.603	.1.	604.2	-64.603	. 0
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Table 60. Radial Electric Field (Fresh Water), Frequency = 100.0 MHz, VED Height = 2.25 m

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Table 61. Radial Electric Field (Fresh Water), Frequency = 100.0 MHz, VED Height = 4.50 m

121	7 1 1	Ht Juni	I E	7.42.52	יוב ניטו	1	12.47	תר [ניח]	A	YHAS
	(500)	(X K)	(97.)	(برځ/٠)	(34)	(20)	(UEC)	(F.Y.)	(00)	(UEG)
,	140.11	0.00	147.66-	20.04-	222.2	-64. (55	40.74	0.000	-/3.045	13.43
•	143.15	200.	-33.105	114,00	712.	FR9 * #7-	133.05	050.	-15.303	136.70
•	143.33	900.	777.46-	13/.30	, ,	FF	136.11	• 000	-/3.6/3	14.121
	10.21))	764.46-	4.061		4.700	[H.C.]	770.	-/3.0/6	105.01
•	20.14.	210.	100.10.	136.08) 1 2	385.	11.421	071.	-11.675	07.63
	7.07	c†o•	-24.038	163.06	o c o .	151.30-	10/-14	001.	17E.DO-	10.01
٠.	133.62	י הדם	704.20	10.421	3.	-53.685	70.07	001.	-60.436	40.00
•	130.40	120.	C16.4C.	717.46	٠ د د	-04.110	01.43	. 210	121.00-	06.38
77.5 - C	134. /4	*77.	796.46-	113,04	2 2	-00.720	74.54	.4.	-64.063	54,00
•	175.15	124.	100.40-	101.50))	-23.365	73.64	0620	-60.149	55.41
	163.66	160.	707.40-	101.6	001.	->1.84×	16.00	905.	-50.414	24.01
1 -46.103	165.00		-23.778	72.66	011.	-20.564	54.Jh	066.	-50.002	24.01
	100001	950.	201.50-	67. 55	·160	412.cc-	64.50	965.	173.440	51.36
J-46.73C	110.71	¥50.	-3C-463	11.10	77.	388.50-	57.73	945.	7+1.+4-	54.76
•	1/**1	7 to .	901.16-	17.01	017.	156.036	3/•36	024.	-26.138	20.13
•	110.00	C+1.	-36.963	(r.c)	nc 1.	751.15	てわ•64	J.	120.14-	44.03
. It -uc. /25	100.04	D + 0 .	021.UC-	16.40	oct.	-56.135	74.47	.400	-20.174	47.64
•	106.14	100.	450.464	24.40	0,11	112.45-	13.64	014.	CUB	48.70
+/3 6	10.03	*Co.	246.04	10000	754.	2/0.0	14.26	044.	140.64-	40.00
٠	32.4	100.	14/0/13	54.00	04.4.	0.UCC	21.50	014.	050.01-	40.43
170.01	70.36	. 002	c40./*-	66.73	200	c1>./	56.16	0000	-41.216	40.60
212.6 12.6	10°00	.003	746.346	c1.1/	177.	146.450	21.00	060.	140.440	11.01
•	CC.C0	. 000	CCC.C*-	54.10	V 2 2 4	571.5	50.00	000.	-42.710	40.00
•	30.00	F 0.0	777.331	C ¢•€€	05 7.	150.6-1	16.00	0.00	120.64-	47.4
•	11.00	270.	105.44-	21.44	047.	1/6.44-	10.00	.760	444. 304	47.81
٠.	12.13	6/10	143.143	56.30	067.	191.5.	47.10	nc/.	-43.161	70.1.
. do -46.73	50.00	, v ,	161.04	22.10	007.	140,137	44.35	00/.	-43.163	2.7
•	(1.65	700.	160.01	ره. د	0/20	146.241	44.31	010.	C+C+2+-	47.72
	04.00	,00.	9+0-2+1	24.46	0000	100.2	12.65	310.	122.13-	41.13
575.17- 67.4	21.01	00.	175.1.	70.55	0 × 0 •	225.71	イコ・トゥ	0.7€	ACT. TT-	7/ 1/
757.14- 06	r 3 • 0 r))	010.17	11.65	• 300	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	E 7 0 7	22.	- 40. 44	11.10
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•		001	***		050.	20.0	0 7	000	-30.034	10.73
740./5- 047.	27.60	271.	130.066	10.00	7 5	261.95	444	1.000	-30.133	0 . E
•	22.00	ct 1.	172.1/4	74.00	D / +	101.461	77.03	ردد. ا	-30,034	10.34
•	21.40	001.	17.1.0	50.00	27.0.	519.55	47.10	ეტ ი. 1	-11.000	46.13
•	10.00	001.	2443	>c•∩ c	0003.	124.26-	£3.65	1.650	-36.403	17.67
	23.64) r .	004-15-	20.00	200.	-71.364	43.47	1.000	-31.310	45.7
•	33.36	C4.	126.430	21.60	.600	* C8 . U .	とてきしく	1.950	-50.33V	20.36
•	C0 • C C	77.	1/5.67	20.10	66.7.	トケオ・ケィー	21.17	001.5	F/4.67-	74.75
•	54.13	<i>دری</i>	100.22-	K+*7C	UC1.	Ten. /30	21.40	065.2	-46.115	51./4
•	24.18	0.40.	-60.139	97.50	300	140.02	26.76	001	-63.036	56.50
•	40.00	567.	276.12	24.14	2000	-41.454	20.65	UCC.>	-61.433	74.60
•	50.00	012.	766.775	55.13))	-ct. 46t	24.50	2.700	-60.034	24.40
'	,,,									
	00.1	C07.	- 46.365	25.65	JCK.	740.01	27.00	2000	120,02-	35,56

Table 62. Azimuthal Magnetic Field (Fresh Water), Frequency = 0, 1 MHz, VED Height = 0,00 m

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				000		24.5	2006	34.030	140.4
		, bu • • •	CK.35.	? .	4,040	-56.13	7.50	100.41	-43.45
100.00	06.1.	104.1-	+/ *25-	700.	C 26	20.20-	204.1	145.4	70 - 1 7-
	37.10	776.1-	75.05-	30.0	106.4-	12.10-	1.500	14.407	0 1
	. 610	114.11	10.00-	30%	17:51	10.00-	001.0	J. 10.4	J. 67.
) •	704-1-	F0.00.	0000	54.450	104.00	26.4.7	7.000	V. 7 E.
	.673	104.1-	133.00	336.	510.4-	10.00-	00/13	14.7.4	
	000	066.1-	00.00-	0000	400.71	+5 + F C =	22.7	7.70	, , ,
	، کار .	C10.7-	C**CF-	1.100	700.11	10.70-		17.00	1 1 1
	. 360	160.2-	-33.66-	20704	240.34	500-10	0.00	1	, , , ,
	. 346	340.3-	33.cc-	1.360	100.	51.45-	111111111111111111111111111111111111111	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
	777.	10000	10.46-	27	111.50	77.60	1	1,00.4	* * * * * * * * * * * * * * * * * * * *
	1,00	200.0	20.40-	776.1	-4.131	17.46.	1	, ,	
	1.	340.41		J. C.C.	701	45.1.24	2 2	1001	0 4
	.510	11117-	17.55-	4.100	77.			1 4	2 1
	345.	C21.7-	- 23.35	22.4	10.01	75.70		707.	
	.1.	24143-	-134/5	,	1			7	
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		16.4.	75.71	737.		21.6	236.0	. 4. 353	1.000
	7	7.7.7	7/-20-	001.	204.41	01.	1.600	107.6	126.64
	> .	617.7-	AC.26-) . V . C	CC*	1.7.10	2000	-7.175	17001
		16101	-36.6	n • c b v	C/F	71.15	1.000	くだつ。トレ	-67.33
		747.7-	-35 · C	2010	106.11	1.00	00110	いせん・ロー	40.00
161,00			ມນ• າ ກ•	?	144.44	143.53	3,1	10.00	14.001
	7 C	C37.7-	26.17.	•	してて・11	143.60	201.6	16/00	16.04-
######################################	?	7,3.3-	/ * * 1 5 -	3.00	100.00	10000	0000	740.01	7 7 7 1
		-6.365	11.00-	000.0	5.7.P. * 3.4	90.14-	10.100	3 P - 1 - 1 - 1	. 37.6
	22.7	-6.353	65163-	3	201.100	11.15.	16.000	-1.11-	-35.
	375.4	-6+40	£5.35	4.500	14.404	136.00	10.000	-1.500	
)0<• 1	CC#*7-	76.12	2000	15.334	16.5.34	223.01	*cr.01	
	٠.	⊃2 1.7 _	14000	00000	34.143	-31.03	10.000	014.0	7.67-
128.62	() C L • 4	204.01	14365-	3.00	510.11	1/467-	2004	16.13/	
1,40,00	0011	264.7-	06	0.00	11.01	2610-	17.000	-20.6	
245,45 (UUC.25) 16,45 UUC.4 (UUC.4) (26,65 C16,57 C16,57 UUC.4) (10,67 U	001.0	100.3-	17:17-	0000	14.430	() · () -	2000	190.6-	1.17-
000.c. 000.45 00.05 111.5 000.0 00.05 12.15 020.5 000.0 00.05 11.5 000.0 00.05 11.5 020.5 000.0 00.05 11.5 020.5 000.0 00.05 0	66293	C1C+2-	-63.35	1.000	755.*-	-64.31	46.523	245.6-	4.07.
V444 001.05 C3.63- 111.2 - 100.0 C2.13- 120.3- 1	ے د ا ا	175.7-	-66.33	3.400	6 22 4-	6+ 1 7-	000.40	20.00	-17.5
000.47 000.77 11.13 +10.41 000.4 01.13 030.43 04.63 04.44.41 000.42 000.42 414.41 000.44 14.42 17.44.4	2007.	176.7-	62.12	3,000	-11.11	-67.63	45.500	14.047	-1 a . 3
2/1-11 000-12 00-12- 116-5- 000-1 11-02- 170-2- 000-	6.7.7	0 20 0 2	-61.15	7.000	17.31		11.000	4 3 6	1
	2000							1000	•

Table 63. Azimuthal Magnetic Field (Fresh Water), Frequency = 0.1 MHz, VED Height = 2247.60 m

re lonf	į	ארא	חבן טון	i F	77 75.	nt.] ten1	¥ d	7.
2	(00)	(cr.c.)	(, ,	î.	52-	7 3	(90)	CORCI
000	22.400	-63.35))	16c	12.731	20.0	3.50.	11.64-
٠ •	104.7-	143.14))	044.	47.12	,,,,	170.4	
ۍ . ن	000.01	26.22	000	260.6-	70.1	200.	410.01.	- 1 . U . I .
))) (426.3-	1, 222-	337.	121.6-	1.63	30 K *	140.184	12001-
0.4	066.2-	-<2.	200	101.01	dc . c	7.600	1 40 . 0 4 -	-10.15
35.	1/6.7.	10000-	200.	**>.C-	10.01	250.1	1,0,484	213073
00	JKC. 7-	56.35	,30.	105.6-	01.51	1.000	*10.01	17.17-
017.	710.7-	-<1.03	?	-2.306	CC * 57.	00102	/26	21.64-
040	763.3-	20.12-	5	51+12	20.00	004.0	70.01	07.00-
. 670	2000	74.17-	700.	36**4-	1.6 . / **	001.3	100.01	111
∂26 •	77.7-	-61.15	300.1	c1c.c-	11.7.	3.600	110.44	¥13.54-
ن 3 ر •	400.7-	160.05-	337 • 7	104.4-	11.11	300.0	000	7
.369	-6.103	c/ • n > _	1.600	0.00	1) 17.	77.00	010-11-	100
058.	271.7-	60.00	1.300	1.0.2-	() . Y) -	027.9	K 73 - T - I	75.004
0.244	1 = 1 = 7 =	75.42-	301.1	150.0-	-33,66			1 - 4 - 4
65.	*c. /cc	31.00	0.00.1	-5.164	40. un-	1000	010.11	40.44
24	-6.100	40.41-	22.04	-5.100	31.00	200	***OT_	77
2 1.	175.3-	17.64	70/1	-5./34	11./5-	201.4	200	17.07.9
0 * 11 *	-6.063	17.40	1.000	C20.C-	14405-	200	016.01	111004-
070.	140.2-	57.67	004.1	-5.435	v/ *cr-	20,00	10000	7 4 4 1
364	- K - GG -	50.61.	0000	3000-	10.00-	0.1.0	10.01	3
٠٤ ع	6/2.7-	20.61-	2.100	10.40A	-34.36	22.0	- 4 0 . 7 30	133.35
194.	040.7-	29.61-	10000	+5, 434	-33.03	2.000	100.01-	- 30.00
3.50	C14.7-	1:01-	00000	364.6-	-36.13	0.100	146.01-	-30.43
120	224.2-	10.61	204.7	111.5-	-37.50	702.1	-10.516	75.45.
, ,	106.7-	KK * / 7 -	2.500	124.6	10.10-	3000	479.01-	-33.46
3.	-c.>t.>	-11.5	000°	010.0-	Cr	00000	245.01-	-36.01
) (0.00	100/1-	60100	150.00	J	301.0	710.655	-30.65
्र । इ. ।	٥. د د د	-11.30	2000	0.0.3	50.47-)) ; t	-+ U. 16c	-63.37
) .	13.00	-1/-10))) (000.11	10.67-	337.0	-10.01e	-60.13
20.) 1) • ()	۲۰۰۰	5 5 5 7 7	3/0.0-	•67.30	333.	7.400	** 05-
75.5	-3.16/	-10.75	3.000	-6.110	دد. د.	10.000	14.531	-61.11
002.1	+17.0-	りょ・ナイー	3000	-4.130	10.22	14.000	ひょつ・トー	(3.) [-
335	0000-	CK . F 7 -	4.5000	151.0-	10.41-	13.500	-a./oc	17・01-
37.	100.5-	-16.37	J	-6.169	51.11-	15.600	795.0	-11.00
ಾಗ್ಗಳ 1	7/1.71	C0.21-	000.0	-0.1.0	WT T.	10.000	-0.UCt	10.01
)) ()	100.5-	· [• [·	0.00	10.035	01.51-	73.000	2-1-1-	14.0-
7000	100.0-	77.01.	2000	-6.000	FT-11-	17.500	105.1-	-4.73
27.	74/ 1	17.7	000.	00000	24.46	V V V V V	105.1-	-3.14
25.	3000-	01.0	0000	010.0-	-1.13	2000	-/-164	-1.70
	754.5-	•0•/•	3000	10.01	50.00	2000	-0.470	1
2000	700.	2.0	0 0 0 0	5.440	10.11	104.62	10.054	7/.
000								
011				0.440	- 3.35	~ · · · · · ·	-6.756	1.17

Table 64. Azimuthal Magnetic Field (Fresh Water), Frequency = 0.1 MHz, VED Height = 4495, 20 m

	THOU I	1	بر ا ا	100 100	1	10,407	101111	1	1 45.7
	<u>.</u>	(00)	(210)	(L	(97-)	(0.50)	=	(107)	(0)
	3000	017.7-	34.371	25.4.2	240.44	-31.66	3	14004	1, 00 1-
	. 30	-6.631	74.41.	27.1.	201.	⊍<<		-10.03t	-100-10
))	163.3-	F7.7.	222.	361.6-	17:50	? .	1,77.01	
	ت 	107.7-	-13.3n	100.	0.010	10.46	22.	205.01	10.10-
	.160	606.00	-13.14))	121.6-	16.66-	1. 1.1	100.01	UC. * 4-
	001	310.31	+C *C T-	300.	C22*4-	10.76-		-10.115	4.01-
	3 0	-6.35c	75.51	20.	12.6.1	10.10.	25.4	110.31	-34.11
		-6.313	-13.10	301.	- > 347	11-15-	734.0	2000	-><-
	7	16.37	3,0,11	300.	10.4.0-	10.00	073.7	100.11	14.4.11
	7/1	774.7	10.07		101.01	7:06 2	1.613.		100/11
	350	044.7-	116.44	9000	120.0-	16-67-	3000	122.11	11.031
	٠,3	7/7.7-	-16.66	22.4	42.010	/1.7-	3.000	-1106/	14.241
	,000	176.2-	-16.5	10201	-2.03.	***/ /-	32.00	115.11	15.00-
	065.	シライ・ラー	-1.4.	1.35.0	004.0.	7	3.111	11.34	- 30 . 36
	77.	246.27	35.44-	77 ***	-1. (33	16:13-	107.	1.1.36.1	1.04 -
	· •	+3C • 3-	-11.35	7.00	-2.103	·/>·/>	3 2 5	366.11	
	,	610.7-	61011-	307.	34	20.	9.5.		- 34.73
	. j	743.7-	76.07-	70/1	t (10.0	33	. 45 . 1	
	•	7/3.7-	K 0 + 2 + 1	10101	131.6-	r	1,1	-16.11-	1-1/-
	.70	50/00-	/ * * / 1 -	22.	276.6	-66.35	2.66.3	107.11	- 63-
	•	+6107-	< 7 · · · · ·	25.40	11.00-	-41.13			
		-4.1t3	73.57	241.7	→	1000	3.000	102-11-	17.77-
		06/1.7-	73.61	30 3. 2	157.41	5/10/	3.000		C**07=
	,	100.31	47.4	37.1	2+1-4-	00.41-	2,4	140.11	-13.75
	. , ,	, ::: J.	15.41	2001	141.0+	£	1.661.0	-11.03	+1./1-
		160031	۲.	2020	11:000	-11-	1.000	7/6.01-	12.35
) ·	006.3-	***	2000	L . C . J	17./1.	2001	105.04L	1
	3	10.4.7	3/ ·u-	22/•/	100.1-	C) *:.1-		140.54	-16.71
	- -	1000	30. 0.	ふるい・ク	310.	10.41-	? •	-11.01-	71.11.
	<u>ک</u> ر	110.01	17.61	104.0	-1.334	-13.59	(1)	10.700	14.13
140.4		* · · · · ·	€ 10 •	737.7	15.476	2/ 1-	3.5.0	1,0.03	
		-							
		-3.6.	06.30	3.00	100.	17:11-	11.0000	. K J . D . L	
		1.3.46	57.6-	333.1	26/.)3°	16.000	した ・ トー	6017
	, ,	, 3, 46 -	12:51	2000	, C.F.	21.6-	111000	1.71.6	10.0
		101.101	£<.4-	ر ا ا	511.	21.	10101	- 15.6	17.0
	30.	777.	*6.3*	230.	-1.135	۲.	100.41	145.4	13.73
	· .	- 55 - 5	٠١٠١ز	2020	7.6.246)	147.6	13.17
		100.11		3000	4:7:7	30.5	000001	101.1	17.67
172**	-	0 * U * C *	20.4	0000	100.11	15.0	0000	.11.6	1 C • 2 2
######################################	75.	1 25.00	16.7	4500	-1.56/4	* 7 * 7 *	1000 - 22	. 12.6	10.00
	,	* n) • L	; ;	200 · L		11.11	11.5	14.644	70.1
140.40 10.10.1 12.10.1 12.10.1 11.01 12.10.1 1	3	3 2 4 0 1	70.	1.00.	1/2.5-	13.61	307.00	711	
10/** 30** 3/** NO** 100** 100** 100**	- ·	104.1	,,,,	3.7.	17006	10.10	1.1.00	14.501	33.47
		707.	***						

Table 65. Azimuthal Magnetic Field (Fresh Water), Frequency = 1.0 MHz, VED Height = 0.00 m

Table 66, Azimuthal Magnetic Field (Fresh Water), Frequency = 1.0 MHz, VED Height = 224.76 m

	2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1	3017471.40	1	21	20, 47 - 11	1	E K D + 1 + 1 + 1 + 1 + 1 + 1 + 1 + 1 + 1 +	1		OUT ON DUTERATION	JANKAROE
H + 7 1 1	•	1 2 4 1 1	14079.	1) 1, L	1107 11	i Ť) 1	TELLONE	1 4 7	FIRSE
:	(::)	10.31	11.23		2000	7. 5	(60)	(1,76,1)	3	(60)	(174.1)
•	100.01	77.01)) :		/r-	3 •	-14.11-	-23.64	0000	-61.310	20.10-
•	100.01	3	77.		21.4.		>66.1.	16.16-	001.	108.12-	.54.33
•	266 .5-	20.11-	なりつ・		71.11	30.	-46.337	110/11	300.	750.740	-46.31
	140.01	170/12	200.		-3:.10	40	111.560	14.5.4.	. 30	412.03-	12.10-
•	3.4.6	10.011)) •		C-115-	121.	141.11	14.66.		-65.341	53.63
	0 3 4 0 1	011071	30.1		13.5	.4.7.	CEE ./ 1-	45.58	35.6	174.47-	14001-
•	K 5 J - 1 J	6.511	000.		#6 * J-	3 .1	`FT.77.	-36.74	4000	-63.366	14.01-
•	7		25.		11.22		1600/1-	17.17.	. 703	+ (4.22-	26.44
•	11.01	10.01			06.00	77.	140.040	Cr.07.	3 2 2 •	100.17-	10.5-
•	11.01	Jr • 1 1 1	7.2.0		- (- , / 1	11,00	116.54.5	11.00	2004.	44 CI - 17 7-	21:
•	701.	, ;			10.17	, 5 .C.	377.34	F::-17-	000-1	10+102-	57.7
	0.74.0.	1			1000	1.55	107.01	10.01-	1.100	ee/ • 11-	4.54
•	3						116.01	10.01	1.600	-14.13t	3:0
		0.140.1	264.		(1.1)-	., ,	210.74	٠,٠٠٠	1.00.	-17.335	1.36
•	. 35) · () · (: :	; J ,	24.54.54.5	77.17.	1.460	-۱۶. بار، دا-	20.0
•	1 2	.,.,,	25.4.		63.1.	?	102.01	,	1.500	-11.345	7
, ,	C VI	416.33	; 		-11.31	,	110.063	76.6-	1.000	-11.136	10.11
•	031.71				(1.1.	270.	· K/ * + 1 .	14.11	1.100	-13.12-	11.07
	1 4 7 1	· · · · ·	?		() - 1-	. \$.	144.373		* O O O	466.64-	10.21
•	U 31 + 13 +	/ 2			· · · · ·	, ,	. 66. 44.	-3.11	COK. 1	120.01-	13,34
•	- 35 * 5 -	7	60.70		10.41	် ရ	211.41.	-6.11	100.2	266.61-	C A
•	27.1		17.7		113011	· (*).	04401	\	201.2	122.01-	
	7	00.01.			11.11.		-13.01		063.5	r*r. + 1 -	10.17
î.	131.01		(1)		-11.33		1 3 4 4 5 7	: :	1.300	764.11	10.04
•	074.01	+0.4	;		7. 7-	1910	13.605	/1.5	7030	14.300	10.15
•	7 3 4 3 1	. 7	J.C.3.		20.4	· / ɔ ·	. 20.00	3.11	100.0	120.01	10,38
•	, , ,				5 t • 1		214.31	1	٠ ا	-13.176	17.43
•	3.1		٠٠ (٠٠		\		140.035	t ,	001.2	200.61-	1 / . 3*
; ;) 1	10	(5).		0.1-	;	196.21	. / • ດ	55 T.	-13.634	11.54
•	1 4 1		· 6 3 °		2	1.7.1.	126.31	4 1 • • •	06.4.0	120061-	10.41
	275.01	67.11	٠, ١	* (; * *)	//・-			/11/	5.013	15.231	16.21
•	F F O + 2 -	10.40		741.6	r	200	. 75 - 1 - 1	. / • ? •		1	,
	0.40 * 7 +	, ,		71.	*C.	1.600	509***	14.21			FC + 1.7
ć, -1•	F3# *61	10.00	36.	100 14	٥٠٠٥	10001	1404647	14.75		-10.300	61131
:	101.1	2	:::	162.	4.	20:11	136.4-	21.61	303.6	01/.4-	66.00
201	* 10 * C =		200.	011.	/	1.000	J40.41	1,,1	5.700	→ • ✓ • ✓ •	54.77
្ត ក	10.36 4	÷ 7¢	•	11.000	1000	1000	12.004	17.05	00000	201.6-	63.11
	. 76 .	,,,,,,,	٠, ٢		£ 1. € 7. €	1.4.1	-01.104	17.7	105.0	52.54	63.63
o v	110.1	3 . 3 /	17/•	- (• 3 4 5	1 1 . 31	174.0	1.446	50.00	2000	1 -0 - 0 -	K0.43
7)/*	317.61	ŕ	· () •	-1.615	13.75	2000	- 1.110	71.13	1.500	101.1-	04.50
	110.01	ມ ດ •	٥ ١	ردد، ۱۰	70.1	3 ¥ . O	-//-	64.43	00 J • E	£6c.1-	24.47
50 11	1 20 00 1	26°L	36.30	77.	1	>00°	1 / Chr.	1.4.4.7	000°r	-1.643	62.69
)	9 1 1 1 1 1			7	6.1.3		7 3 • C 3	373.	750.7-	50.67
	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	h 9	7 7 7	2 to 1	2 J		775.01	(4.6)	200.	124 461	20.00
	,	,	322		1	11000	20.00		2000	0.00	

Table 67. Azimuthal Magnetic Field (Fresh Water), Frequency = 1.0 MHz, VED Height = 449.52 m

				:	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1						
t lont	ţ	30 4 57	140175) i	14.24	Jr. 1011	4174	72.457	בטן גב	A	7 4 7
£	(00)	(050)	(M.Y.)	(50)	(ot 0)	3	(OB)	(050)	(£/4)	(50)	(5,5)
00000	//1-4-	14.18	200.0	200.00	-66.33	2000	179.01-	-31.27	0000	-45.467	11.14
5000	701.1.	2010	010.	106.01	12.12-	050.	-45.863	-33.33	001.	-45.417	-34.67
•000	001.4-	-0.38	020.	204.64	04.41-	.000	-15.665	\$5.K2-	002.	0<0.62-	-44.
F (0,)	14.141	15.1	050.	C/4.4-	10.01-) } •	479.61-	-63.66	0000	-44.330	17.7
. c. 12	007.4-	7.00	· 0 t 0	104.7-	45 -1 7-	.100	-15,755	-<1.41	004.	-43.460	5.30
510	100.4-	7.60	040.	704.0-	-10.14	UCT.	-15,649	-10.34	004.	746.27-	3.50
ે ા ક	-4.613	70.04	200.	054.6-	10.41-	001.	+10.61-	[r·+]-	000	-41.038	2
150.	777.4-	54.0-	0,00	1/4.0-	11.03	017.	-45.354	-14.06	00/	-40.177	13.34
• C 2	1 22 4-	10.01	200.	10.400	1+.71-	.640	-12.174	-0.57	000	014.41-	10.4
.,57	C62.4-	-5.60	340.	204.01	-11.46	2/2.	274.71	-2.67	300	-15.241	2
• 030	(+)*+-	-2.CB	707.	10.450	10.01-	2000	-14.707	-6.34	000-1	-18.526	62.5
• 0.33	103.4-	35.41	110	17.0-	7.00	055.	155.41-	?	001.1	-17.602	3
۰. 36	44.034	24.34	021.	10,010	-1.10	000	-14,321	10.7	00/-	-17.285	1 4
6E n •	14.603	11.11	064.	-0.01	10.0-	36.0	DF0 441	17.	0000	7.67	-
240.	117.4-	11.5-	7.7.	-r. 040	7.40	7	143,463		001	412.01-) (
5 4 7	-4.600	74.5-	, t 1.	110.0-	97.70		13.637	6.27	004.	[4]	
10	-4.630	70.0-	70.	00/ 00	70.0	1	100.00	,	0 4	1010	
160.	3200	40.7	71.	40/00		3	- 1		200	1	
3	, 10 . 1	2000	200	10.					0 0	000000	700
15.	27.			1		2 1	4,6		000	* C * * T	36.3
0.47	1000	, ,	12.	1 1 1	2 7	2		200	006.1	000	• • • •
6		,					137.		0000	10.01	1
				10.1				10.1	007.2	10.398	2
2 0	77.	20.	0.7.3.	716.5		000	501.21	08.0	002.2	-13.082	35.6
		•	2.	200.00	3 2	0.0	00644	7.40	2.300	-14./34	30.1
2	11.	-	0.00	264.01	4.35	07/	101.11.	<0.17	7.400	-14.47	0.07
ر د	707	• •	762.	15+0-	V.4.	061.	11.51/	26.08	(105.5	-12.227	37.1
3	3.51	20.	000.	3 t E	25.0	.730	-11.333	23.Uh	7.600	-11.970	37.5
10 .	2011	٠,٠	2/20	-0.350	١٠١٥/	010.	-11.154	24.57	2.700	-11.725	5.2 €
0	01111	1.1	162.	-0.36/	20.0	20.	200.01	C8.*2	Z-800	-11.441	36.3
, ca	01.1	۲. ۱	047.	-r. 285	1.04	٠۵/٠	-10.81	22.64	2.900	-11.268	18.7
060.	1:10	, v	000.	-0.643	,0.	00%	440.01-	. 4.02	3.000	-11.054	14.1
• 105	14.303	3.00	v<	-8.036	13.43	1.050	007.71	74.46	2004.1	+10,118	1
•150	-4.003	5.53	001	0.00-1-	10.00	002.1	V 6 2 V	36.73	000	200	3
.135	/// **-	97.	3,10	799.1-	¥	055.	18.73	01.66	1	7.7	1
.150	44.400	F.F. 0	1140.	cuc./-	(6.97	22.0	505.87	3/14	200	200	1
. 165	JCU.C-	10.76	055.	-1.374	1		2		1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	400	1
180	-5.616	14.71	3000	-1.608	5	22.0	7.53	70.00	9 6	200	1 4
56**	J 45.45-	14.63	300.	-7.140	7,10		7 . 3.5	(1-)1	9 4	1	
.210	195.5-	10.04	001.	451.1-	36.10	707.	77.7	1 1 1	200.2	7	1
• 425	200.5-	46.11	161.	*11./-	20.00	367.7	/ 04.3	47.61	204.7	712.4	22
.240	-6.035	17.86	000.	-7.116	31.41	200	-6.930	4/0	0000	-6.640	2
• 255	-6.656	<1.10	300	-1.143	34.46	vec. >	-6,671	40.7	005.8	-0.000	7
.270	-6.560	63.04	004.	-1.145		2.700	0.01	50.36	000	954.9-	
• 285	JC0.0-	70.02	364.	-1.51	¥5.54	054.2	10.04	54.06	005.5	140.0-	3
300	461.1-	16.00	1.000	-1.368	20.40	300.5	-6.876	53.84	000-01	965.0-	
							:				

Table 68. Azimuthal Magnetic Field (Fresh Water), Frequency = 10.0 MHz, VED Height = 0.00 m

ī	1A 5£	At I GHT	Ą	F MA St.	16.16.1	Ţ	A A A	HF TOH!	d	410
٥	(UE 6)	(NY)	(AO)	(5,0)	(£ 4)	(80)	(UE 6)	1		3
-	76.37	000.0	-40.300	18.48-	0000		40.64	00000	747	3
Ŷ	20.49-	010.	-<0.10	-71.16	25.00		-54-15	100	747.04-	74.5
Ö	51.6	070.	515.12-	-00.10	000		-34.73	000	-36.467	47.47
٢	04.10-	0000	-40.748	¥6.06-	060.	-30.714	-2**68	000.	-31.525	46.34
η.	10.	• •	-62.864	74.50	.140		-10.88	007.	-64.134	-6.32
	٠ •	J. J.	-4.480	170.44	.150		-15.18	005.	-27.242	-5.10
	۲۰۱۶	200	-63.480	دد.۱۱ -	701.		-14.64	009.	-45.142	62.4-
	77.6))	-63.167	-47.04	012.		-10.60	.700	-64.532	-3.70
·	12.67	000.	-26.331	-64.40	047.		03.4-	. BOO	-23.449	-3.27
•	10:	3 % 5 .	-61.593	-41.85	0/70		-4.30	000.	-44.501	-2.45
	*1:	001.	014.03-	14.61	2000		-7.42	1.000	-<1.660	54.5-
·	50.	.110	-60.676	-17.84	355.		-6.70	1 . 1 00	-20.905	-2.43
7	21.5	.160	-17.667	-16.00	. 360		01.0-	002.1	-20-221	-2.24
	3.74	051.	-15.138	54.41-	040.		-2.60	1.300	12.547	95
	1.41	041.	-10.626	-13.77	U. 7.		-2.16	004.1	-14.024	
•	1.51	150	-1e.147	-16.75	. t. U		94.76	1.500	164.61-	-1.84
Ž	.0.0	.160	169.11-	-11.85	. 100		4.40	1.600	-18,003	-1.73
	7.17	0/1.	-17.61-	-11.05	.510		-4.17	1.700	-17.545	*0.1-
	10.0	101.	-10-01-	-10.34	040.		14.5-	1.800	-17.117	-1.56
•	دد.	176	110.440	0/ **-	.570		-3.68	1.400	-16.715	74° 1
•	7.5.6	002.	-10.142	-4.14	900		-3.47	2.000	-16.337	-1.64
	,,,,	012.	-15.603	9.00	.630		-3.29	2.100	-15.479	-1.36
	٠٠.	7000	101.51	51.0-	.660	-15.626	- 3.12	2.200	-15.642	15:1-
	,,,,	067.	571.61-	-7.70	.040		-4.97	<.300	-15.321	-1.20
	,	0 :	7 20 37	2001	727		-6.83	00*•2	-12.01-	-1.22
	00.00	0020	500-11-	**	96/.		-4.70	2.500	-14.727	-1.17
77		20.	-14.330	10.0-	787.		-4.58	5.600	-14.450	*!:!-
•	00.1	0	500.41	Ju	20.0		-4.47	001.5	-14.186	-1.10
	37.07	200	13.838	70.0	3,00	-13.925	-4.37	6.800	-13.434	-1.07
•	0 '	0630	17.003	د، د٠	2.0.		-6.28	2.400	-13.692	-1.0
7		900	-13.378	٠٤٠ د د د د	30%.		61.2-	3.000	-13.460	-1.01
1	9,000	Š) 4 7	; ;	<u>.</u>	76%	3	6	60	i
	7 7 11	1114						20.0	7.0	
	3	7 3	226.1	0, 1	1.000	1000	/51-	000.	-11.504	20.
			1	7.0	200	979.	7	. 500	679.01-	
							22.1.	000.	6.01-	•••
	901	200	10.6	7.0	000	4.6.4	20.1	2.500	-4.636	٠. و
	00.	000	471.6	57.7	200	. 4.	50.	6.000	11.01	76.1
10.01	0 -	000	70.0	0	054.	-6.705	05	6.500	-8.706	55
		0 .	-6.303	2.1.	2.100	-6.312	83	2.000	-6.313	35.
	71.4-	00.	A 20	-1.54	4.630	1.957	77	7.500	17.458	50
	7 :	9	4.624	09.1-	7.400	-7.635	72	8.000	-7.636	74
	٠. د .	.000	-1.336	-1.48	4.550	7.346	61	8.500	-7.342	54
010.1	50.5	0	1.00.	-1.19	2.700	-7.073	63	000.6	-7.074	.4.
	90	2470	-6.823	*O* -	2.050	-6.827	3,1	004	40.407	. 43
ì								•	70.0	

Table 69. Azimuthal Magnetic Field (Fresh Water), Frequency = 10.0 MHz, VED Height = 22.48 m

100.0 KM DOBNKANGE			•																											co. 10						77 77										•	
00.0 KM	AMP.	(BO)	-47.253	-34.272	-13.858	-30,517	-28,131	-46.205	-24.786	-23,527	-24.445	-21.498	-40.059	-14.405	-19.223	-18.602	-10.031	-17.504	-17.015	-10.500	-10.134	-15.735	-15.360	-15.006	-14.672	-14,355	-14.055	-13.769	-13.497	-13.237	686.21-	-14,752	-14.525	015.14	14	7	9	1 X X	12.4.4	840.8-	-7.711	714.7-	-7.161	-6.937	-6.742	-6.574	-6.4.30
	1E 1611	(HW)	00000	001.	.200	300	707.	.500	.600	.700	. 800	004.	1.000	1.100	1.500	1.300	7.00	1.500	1.600	1.700	1.600	1.500	2.000	2.100	2.200	2.300	7.400	4.500	7.600	₹.700	2.800	00 A . V	3.000	4.500	9 9	005	000	900	000	6.500	7.000	005.7	9,000	8.500	9.000	9.500	1000
PNRAME	PMASE	(046)	-61.45	-20.53	-7.11	75.2	4.74	14.44	14.98	16.83	10.24	17.34	22.02	50.94	21.55	24.00	2<.50	54.89	23.22	23.52	23,78	20°42	24.23	24.43	54.60	24.77	24.95	52.05	55.18	25.30	75.41	55.55	29.62	50.03	26.32	20.05	74.00	27.12	2/-33	27.54	27.74	27.94	28.14	26.35	28.56	28.78	200
30.0 KM UOBNRANGI	AMF	(pg)	-36.811	-35.153	-35.25	-64,713	-67.657	-65.978	74.57	-63.371	-66.327	-<1.400	-40.585	040.71	-19.175	195.01	-TV. 47-	-11.475	164.91-	145.91	-10.117	-15.721	-15.346	965.71-	-14.663	945.41-	114.048	-13.764	764.61-	-13.234	096.71	06/-21-		-41.52u	364.04	066.4-	14.394	288.0	-B.43B	-8.053	-7.716	-7,422	-7.166	796.9-	-6.747	-6.579	-6.4.4
	HE ICH!	£ £	2000	060.	.060	383.	021.	351.	201.	012.	240	1/2.	000.	066.	200.	325.	J≯4.º	.450	004.	015.	.540	٠, ۲	200.	000	200.	٥ ٠	7.40	057.	70/•	3. 10.	0 2	0.	000	1.00	2007	055.1	1.500	1.650	1.000	1.950	<.10u	6.650	7.400	4.550	2.760	2.850	4.000
MINKANGE	THASE	(OE)	15,75-	14.44-	-34.80	-23.03	-15.30	51.7-	17:4-	١٤٠-	4.87	¥*.0	1001	¥.51	11.08	14.43	13.61	14.04	45.51	46.35	17.07	72.71	15.51	10.04	17.36	19.76	11.02	10.04	×0.07	17.17	10.13	61.19	60.53	23,13	63.45	24.00	25.13	45.58	25.38	26,34	46.60	26.97	12.12	27.55	67.83	26.11	2
LU. C KM COMPANDE	Ą	(AO)	-47.384	-67.178	-Cb. 588	-62.104	74.040	-63.403	266.22-	-46.146	146.12-	C19.07-	-14.433	-19.300	-10.713	-10.107	159.11-	-17.180	-16.733	-10.312	916.61-	-15.542	-15.184	-14.854	-14.535	-14.633	017.	0/9.67	804.51	-13.15/	176.31	000.51	004.71	-11.484	-10.667	12.47	-4.388	-6.880	14.440	-8.057	-7.723	-7.430	-7.175	-6.952	-6.758	-6.591	-0.447
	HE [CH]	(XX)	00000	210.	200.	050.	040.	3000	300.	360.	30.0	360.	001.	77.	160	136	777	157.	001	7.7.	0	3.7.	200	017.	777	3 Y .		362.	100	2 1	3	101	?	045.	004.	.450	005.	065.	004.	050.	907.	150	30 a.	300	005	054.	1.000
NA NA NA	PIANE	(UFG)	140.01	246.76	12.07	80.45.	24.16-	90.07-	79.47.	-41.17	74.01-	97.91-	-13.78	-11.47		*	20.0		02.2-	2):-	٠.		7	***	9.68	0.0	. 1	0 1	0 1		200			10.41	0.0	10.01	14.43	44.02	<1.5	26.34	23.07	63.16	٠٠. ح	54.84	, C.	45.61	50.55
3. C AM DORNHANGE	A F	2	-11.46	-11.57	* 00° / " -	5/6./1-	7 ** * / [-	-11.000	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	-10.0%	-10.01	-10.430	141.01-	164.61-	17/ 61-	1061-	707.07-	200.41-	DD	004.41-	067.41-	0,5,0,7	1	200.01-	*****	*27.01		12.70	27	100.31	4/7			-11.009	-10.360	-7.7.7	C41.4-	-6.736	-b.332	125.7-	-7.665	385.7-	957.	156.0-	75/ -0-	545.01	-0.455
	14 TCH1	Î.	000	£00°	900	***	710	610	910	100	40.	.027	0.30	200	950	60.0	¥ .	n 0	20	700	100		000	500	000	6000	1 1 1	0.00	0.00	100	780-	5	?	.105	.120	• 1 35	.150	.165	.180	.195	. Z 10	577	097	557.	0/2.	502	.300

Table 70. Azimuthal Magnetic Field (Fresh Water), Frequency = 10.0 MHz, VED Height = 44.95 m

Colon Colo	į											
	IGHT	A	PHASE	HE IGHT		PHASE	HE IGHT		PHA SE	HE IGHT	A	PHASE
1000 1000		1 2 2	(D C C)	200		() ()	(F. F.		(5) (1)	(E4)	(80)	30
000.0 000.0	200	1,0,0,1	1000						08.74	200	-45.113	200
100 100	900	-15.041	- 26.35	3/3	-	1 4 4					30.4	1
1,000,	600.	-15.760	-10.66	000	-	20.4	050		21.60	300	-26.378	1 7
100 100	.012	-15.578	-15.01	3	-	79.7	021.		27.41	004	25.043	104
100.0000	.015	-15.441	14.11-	000.	-	v. 0.	051.		31.11	005	-24,149	4
	.018	-15.460	-8.34	.060	-	13.90	700		33.67	009	-22.651	4.04
100 1	.021	-15.060	42.4-	0.00		17.91	012.		35.53	. 700	-21, 395	2
100 100	•054	110.41-	-4.38	080.		21,11	047.		36.95	009	-20,315	43.3
	.027	-14.610	16.))		23.75	0/2		30.06	006	-14,371	43.6
1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	030	-14.301	<. 03	201.		45.45	000.		36.96	1.000	-18.535	2.63
1, 24 1, 2	033	-14.140	2.16	.110		21.82	33.50		34.70	1.100	-17.785	44.2
1000 1000	.036	-12.870	1.34	.160		74.67	300		40.33	1.200	-17,107	1.11
13.15 13.1	039	-13.656	75.5	061.		30.74	340		40.80	1.300	-16.489	44.
	• 045	-13.400	11.65	0.1.		44.15	024.		41.32	004	-15.423	44.7
	• 045	-12.101	13.00	150		33.05	964.		41.73	1.500	13.400	4
1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	840.	-16.969	*0**	901.		44.44	20.5		70.74	100	-16.417	1
10000 100000 100000 100000 100000 10000 10000 10000 10000 10000 10000 10000 10000	.051	-14.695	10.10	0.1.		34,83	214.		46.41	1.700	-14.467	u d
1	.054	-14.400	45.71	707			1		07.74	004	400	4
	.057	-14,546	10.97	0.4.		9	1,74		40	9	794	1
	090	-16.063	6	00,00		1	1		10.4		700001	1 4
1.001	663	11.010	21.17	217		3.4.	2		10.04	000	00000	n u
10012	990	-11.600	74.77	377		.7. 43	200		7 4 7		11.4.4.4	1
1.012 2.014 2.017 2.01	697	-11.400	14.00	37		1	9 5		***	200	210.21-	0,0
1.01 1.02	570	43741-	74.47	14		1	2		000	200	2000	
10.001	7	1	4						30.		010.21	n u
100.57 20.57 20.50 20.	1 0		1 1 1	2		30.00) : •		7	000.7	567.11	n i
- 10.14	9	100001	77.77	200) · · · ·	00.		0	000.2	609.11-	0
- 10.15	9	700-01-	20.5	0.7.		0.0	010		14.52	00/*/	-11.218	.0.
10.14 10.25 10.1	9 4	N	7.17	0 1		***) : 10 :		10:43	0000	086.01-	0,
- 0000			0 :			•	2		70.	200	75/101-	**
	•	**I • 0 I =	69.63	005.		41.05	3 3 3		95.11	3.000	-10.535	€ • 9 •
7.000 4.000 1.000	5	3 3 1	3	1	3 4 3	3		3	4	4	9	;
7.20 30.00 4.50 1.350 1.350 1.350 4.500 4.500 1.350 1.250 4.500 4.							20.		70.0	0000	100.6	
7.000 30.00 -7.720 4.551 1.550 -7.720 4.560 4.500 -7.700 30.00 -7.720 4.560 4.		161.01	0	•	# O & . B =	10°5's	002.1	10.0	*2 · 0 *	000.	-8.616	
7, 20 30, 20 1, 20	2	907.0-	30.05	20.	46.686	14.5	1.350	-8.550	*0.0*	4.500	-6.188	47.6
-7.150 4.1.77 .550 -7.156 46.31 1.650 -7.283 48.09 5.500 -7.156 4.1.77 .650 -7.156 4.1.77 .650 -6.743 1.850 -6.938 48.77 6.000 -6.938 48.77 6.000 -6.944 1.950 -6.440 49.49 6.500 -6.440 49.49 6.500 -6.459 4.17 6.450 -6.450 49.40 4.100 -6.440 49.49 6.500 -6.270 -6.440 54.00 49.40 -6.270 4.100 -6.270 4.100 -6.270 4.100 4.100 -6.270 4.100 4.100 -6.270 4.10	05.1.	978.	18.65	300.	9/1./-	45.43	1.500	-7.705	47.46	2.000	-7.673	48.
-7.154 41.77 500 -7.018 47.14 1.800 -6.938 48.77 6.000 -6.94 49.77 6.000 -6.94 49.77 6.000 -6.94 49.77 6.000 -6.94 49.77 6.000 -6.94 49.77 6.000 -6.94 57 6.10 -6.94 57 6.10 -6.94 57 6.10 -6.97 51.10 7.500 -6.97 6.10 6.10 7.500 -6.97 6.10 7.500 -6.94 57.10 7.500 -6	97	V04./-	40.78	964.	-7.366	46.31	1.650	-7.283	60.84	5.500	-7.250	46.7
-0.14 44.54 10.050 -0.14 40.08 1.750 -0.600 47.44 6.500 1.000 47.4	180	-7.158	41.73	200.	-7.018	77.73	1.800	-6.938	40.17	000.9	-6.905	6.64
-6.761 44.57 .700 -6.254 64.00 6.100 -6.440 7.00	195	*7.K.Q-	43.61	059.	-6.743	40.00	1.350	-6.660	44.44	6.500	-6-627	0.04
-6.276 4.546 4.550 -6.259 49.96 2.250 -6.272 51.10 7.500 -6.272 4.520 4.500 -6.250 4.500 -6.250 4.500 -6.250 4.500 -6.250 4.500 -6.250 4.500 -6.250 4.500 -6.250 4.500 -6.250 4.500 -6.250 4.500 -6.250 4.500 -6.250 4.500 -6.250 4.500 -6.250 4.500 -6.250 4.500 -6.250 4.500 -6.250 4.500 -6.250 4.500	.210	-6.761	45.44	007.	-6.566	00.74	Z.100	16.440	50.26	0000	-6.407	7.05
	. 225	-6.576	45.76	. 75u	-6.359	25.5	4.250	-6.272	51.10	7.500	-6.239	24.40
-0.40 44471 .850 -6.160 52.05 2.550 -6.070 52.98 8500 -6.000 -6.028 54.05 9.000 -6.121 50.05 54.05 9.000 -6.121 50.05 54.05 9.000 -6.121 50.05 54.05 9.500	.240	-0.4/3	47.36	000.	-6.23	77.00	204.	10.150	52.00	000 R	-6.117	5.5
-6.12 50.45 54.05 -6.114 53.20 2.70 -6.028 54.05 9.000 -6.028 54.05 9.000	.255	Y04.01	44.7.	950	-6.160	ζυ - > ζ	044.7	-6.070	52.98	9.500	9.0	
-6.3cb 51.6c .95u -6.113 54.43 2.85u -6.021 55.20 9.500	270	-6.351	50.15	000	31.4	27.0	200	10.0	4	000	100	, ,
NOO. 130.00 000.00 000.00 000.00 000.00	285	4	1	3			1	70.4	100	9		
				•		,						

Table 71. Azimuthal Magnetic Field (Fresh Water), Frequency = 100.0 MHz, VED Height = 0.00 m

Corp. Corp	-20										
	-20	FHASE	AR LOAT	A A	3	THOUGH	A	3	The line		DMACE
	-20.300	(OEG)	¥	(100)	(5,40)	(£ 2)	į	100		i i	10.6 (4)
		10.00-	000.0	-31.861	26.70-	000.0	-48.266	- C - C - C - C - C - C - C - C - C - C	0000	-5.	7 7 7
100	-50.103	20.0/-	£ 0.00	-36.162	-53.19	010.	-40.253	-24.83	0.030	٠	-8.00
	444.15-	40.44-	0000	-33.250	-33.96	020.	-34.85	-11.74	090		10.4-
	-50.161	147.40))	-36.687	-24.01	0€0 •	-11.515	-7.17	370.		-2.65
05852 05872 11.	-62.133	57 - 1 - 1	A10.	-50.037	-18.20	3*3.	-67.134	-5.76	120		- T - 7-
	-24.001	-35.65	c†a•	-66.960	-14.59	060.	-67.287	-4.55	150		-1.56
	٥٤٤٠٠٥-	-30.05-	970.	766.62-	-12.07	.000	-45.78B	- 3.74	0.00		45.1-
	-53.10*	14.07-	120.	-64.357	-10.23	0/0.	425.47-	-3.16	017		-1.10
1000 1000	-26.310	-63.00	. U 64	-63.313	10.0	000.	-63.447	-4.73	042.		
00015 1000 1	-51.5/4	-41.63	120.	-66.393	-7.70	070.	464.77-	-6.39	0.75		10.
024. 02	-20.05-	-17. ub	JE 0.	-41.57	-0.07	.100	-<1.65¤	-4.13	000		٠. 75
001.2 10.00	-20.000	-11.54	£0.	-40.034	-0.17	011.	406.02-	3	95.4		. 67
024. 12.	-17.016	-13.6y	950.	-<0.160	5.50	124.	-40.220	-1.73	000		9:-
024. 10.00	-13.165	-14.30	3900	646.61-	00.5	3.30	065.41	1.57	2		5
024. 11. 12.	110.01-	-13.61-	740.	12.07	00.4	3	19.023	77.	0 2 3		7
084. 10.1 17.1 10	-10.130	17.21-	V. V.	18.456	-4-67	001.	167.01-	-1.33	1,10		I
0100. 040. 11.1. 040. 11.1. 040. 11.1. 040. 11.1. 040. 11.1. 040. 11.1. 040. 11.1. 040. 11.1. 040. 11.1. 040. 11.1. 040. 11.1. 040. 11.1. 040. 040	-17.00/	15.11-	010.	-17.469	3.45	.100	£00.81-	-1.23	084		. 45
0.10 10 10 10 10 10 10 10	-11.000	20001-	167.	c1c./1-	-3.07	27.	-11.545	-1.14	015.		74.
0001	-10.00/	70.71	\$CO.	360.71-	14.6-	701.	-17.117	-1.07	0.54		77.
000. 000. 000. 000. 000. 000. 000. 000	16.44	-7.10	760.	169.31-	67.5	067.	-16.715	00.1-	0/5.		15.4-
001.0 001.0	-10.135	10.01	202.	-10.315	44.2-	707.	-16.337	35.1	.600		35
024. 12.	12.74	a• 10-	200.	15.400	-2.80	017.	086.51-	98	.630		33
000-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-	0/1.5	50./-	66	+79.61-	-4.04	022.	7,5.64	** B3	.660		31
001.2 11. 12.	0/1.61-	17./-	200	CUE .C1-	£4.7-	065.	-15.321	52	069.		30
1,	D	70.0	٧/ ٥٠	770.61-	-4.35	047.	110.61-	74	.720		28
0201 02	7 4.000	01.0	د ' د	-14.71	-4.43	26.50	172.41-	7.1	.750		15
	*****	71.6-	٥, ٥	054.41-	-4.15	207.	154.41-	67	.780		20
1.0 1.0	r/0451-	70.0.	1 D O .	-14.175	10.2-	0/2.	-14.187	• 0•	.610		25
1980 1980	10011	در•د- در•د-	, d	-13.354	11-	9 V	-13.934	61	010.		24
100 - 100 -	200.1-	۲۷.C.	000.	12.563	79.1-	367.	769.61-	58	0,4		23
1000 10	C/C • C] -	17.01))	154-51-	1. 7	220.	13.460	56	004.		-,44
	-16.36/	4 U.S.		-,,,,,,,	0.4.1.	009	17.428	340	05.1	864.51=	a
1.50	-11.56	11.00	3 \ 1				7 7 7	1			
	10.740	- 6.73	3	200				ב ה ה ה	1.500	707.	0
1.50	10101	46.35	941.	7		37.4	30-1	900	000	00001	* .
1.24 .194 .194 .195 .195 .195 .195 .195 .195 .195 .195	-4.C1/	50.0-	697		7	, ,	~ ~ ~	200	0 4	10.19	- 15
1. 107 108	-> 1C>	-1.76	20	1 3 4 5	è	2 2 2				10000	
1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	-0.07	.4.53	Ç, 1	7.00	1	200	707	10.	200		
2.55 21.	202.8-	-1.35	^ 1 > •	. 4 4.	3	20.7	48.314		000	7	1
-171111111	2000-1-	-1.60	٠, د د د	1,438	7,	750	156.7-		25.7	2.050	100
*** **** **** **** **** **** **** **** ****	-7.667	-1.07	0.45.	-1.536	2	200	-7.637	1	004	7.637	0.0
201. 2.1. 1.2. 1.2. 1.2. 1.2. 1.2. 1.2.	100.1-		563.	-7.343	**	000	- 7 - 36 .	-			
2.850 - 11 858.6 - 45.0 - 6.850 - 11. 2.850	-7.007	00	u12.	-7.07		3	-7.075	27.	2.700	7.0.7	
	-6.863	۵,۰	CB)	-6.867	200	26.	-6.82B	: -		929	9
	140.0-	71	22.0	30.01		200.4	104.4		000	10,00	9

Table 72. Azimuthal Magnetic Field (Fresh Water), Frequency 100.0 MHz, VED Height = 2.25 m

March Marc		A	COMPABNOE		A 2	TUR ANDE		INTO KE COBNEANCE	BNRANGE		30.0 KM DOBNRANGE	BNRANGE
	Ļ	ĭ	FHASE	1 LO1		T TA St	745174		PMASE	ME I GHT		PHASE
1000 1000	î	. 0	(0,00)	Į,		(000)	£		(046)	Î.		(DEG)
	ပ္	-27.300	14.04-	3000	•	74.00	000		1	0.000		-62.27
	70	-27.103	14.3.36	7000	-	-45.7L	7		4 4	0.0		1
	Š	-25.340	1		-	4			1			
	0				-	; ;	9		0 :			20.03
1,	1 2	7 / 17					0		***	0.0		
1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	,		00.	717.	•	, , ć	7		<1.65	.120		25.67
1,	Č.	149.67-	10.40	\$ n .		16.71	200.		23.06	.150		46.08
	9	-26.331	19.5-	010.	-	15.44	900		23.A7	087		26.36
	0	-24.000	17.	1700	-	17.60	0/0		24.65	01.7		66.55
	90	-21.5	3.4	3700	•	1	t		1	646		4,
	9	100					•			2		0.00
1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,						0,.	> h		52.63	0/2.		20.02
1,000	٠.	r/0.41-	71.0	360.	-	10.00) ·		23.50	000.		26.41
	=	-17.040	۶. ۲.	€ £ ⊃ •	•	61.36	5 7.		25,73	055.		46.93
	75	-10.004	54.1	950.	-	41.30	077.		19.47	340		27.05
	13	-10.11/	16.83	*6.04		4	3			3		
	•	×10./(+	1	1		3			10.40			
						77.70) :		17.40	•		900
		4	7			0 -	•		20.00	00.		200
	2 .	00000	1000	•		10.62	001.		50.43	20.1		77.77
	_	102.01-	10.01	100.		63.90	27.		26.52	.510		17.27
	0	-15.0/4	17.40	4 50.		41.42	.180		26.60	0.50		27,31
	5	-10.477	10.10	150.	-	VU. 47	3.40		30.65	.570		67.34
	20	-13.140	13.76	300.	•	74.00	200		20.75	.600		47.36
1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	<u>۲</u>	719.5[-	72.61	500.	•	47.47	012.		20.81	.630		27.33
	25	553.37-	74.70		•	4. 40	022.		20.87	.660		27.41
	23	-14.141-	*1.02	,00.	•	<5.12	052.		26.07	7,9		27.44
13.75	ţ.	13.404	20.04	2/0.	•	12,62	0*7.		20.07	077.		47.46
	22	-13.667	46.00	470.	•	13.40	3		27.02	3.6		4 / /
	56	100.01-	<7.17	0/0	•	4,4,5	100		7 . 0 .	2 2		7
	7	-1.1.1.1	74.17		•	2 4				2		
	9	-16.01/	40.17	100			- 1		27.			70.7
	0	-14.54		7 4 3	-	, ,	2		1	•		10.7
		4 1 1	111			0	06.2		87.7	20.		00.79
10.000	2	75.31	66.33	•		د٠. د٠	005.		51.55	006.		47.38
1.050												
1.050 1.050	Š	1 1 1 1	14.1	1	242	4			7	: :		,
10 10 10 10 10 10 10 10			1			ָרָרָי פּייּ פּייּייייייייייייייייייייייייייי	000	700	ברי	050.1	784.11.	90./2
	2 14	430.07	2	01.	10001	19.07	004.	169.01-	21.52	1.400	-10.650	67.77
	n :	25.61	, a	cr	10.4°41	66.43	34.0	155.4-	27.66	1.350	-4.450	27.86
	2	100.4-	77.41	150	4.35B	27.17	.500	-9.355	27.79	1.500	-9.353	76.72
-6.404	Ų.	10.01	25.65	. 65	-0.040	27,38	Jes.	- 8 · B · C	27.92	1.650	-8.840	28.07
	9	101.01	52.07	. 180	-6.406	47,58	.600	-8.39B	20.05	1.800	-8.396	26.19
-7.006 20.09 .410 -7.000 27.90 .700 -7.675 20.34 2.100 -7.674 -7.006 27.39 2.100 -7.674 -7.394 2.100 -7.676 -7.396 -7.394 2.100 -7.680 -7.13 2.256 -7.380 -7.13 2.256 -7.380 -7.13 2.256 -7.380 -7.13 2.256 -7.380 -7.13 2.256 -6.895 -6.915 27.15 27.15 27.15 27.15 27.15 27.10 27.	92	10.000	96.97	۲. ۲	-8.017	27,17	000.	-8.01¢	20.19	1.950	-8.010	28.31
-7.154 27.47 .425 -7.346 28.15 .750 -7.381 28.49 2.256 -7.380 -7.124 28.49 2.256 -7.380 -7.124 28.49 2.450 -7.123 -6.899 -6.71 4.25 -6.899 -6.71 4.800 -7.124 28.48 2.450 -7.123 -6.899 -6.71 4.800 -6.71 28.75 -6.899 -6.71 28.75 -6.899 -6.71 28.75 -6.899 -6.71 28.75 -6.899 -6.71 28.75 -6.899 -6.71 28.75 -6.899 -6.71 28.75 -6.899 -6.71 28.75 -6.899 -6.71 28.75 -6.899 -6.71 28.75 -6.899 -6.71 28.75 -6.899 -6.71 28.75 -6.899 -6.71 28.75 -6.899	0	-7.000	70.0V	017.	7.680	67.40	. 700	-7.675	20.34	2.100	-7.674	
-0.11	75	-7.394	61.02	527.	-7.386	C8.15	.750	7.381	64.00	2.5	-7.380	0 S . W.
-6.14 28.02 27.75 -6.305 28.54 .850 -6.306 28.82 2.550 -6.899 -6.14.6 28.82 2.550 -6.899 -6.14.6 28.82 2.550 -6.899 -6.554 28.62 28.00 2.700 -6.706 28.80 2.700 -6.706 28.80 2.700 -6.706 28.90 2.700 -6.706 28.90 2.700 -6.706 28.90 2.700 2.700 -6.506 28.90 2.700 2.700 -6.506 28.90 2.700 2.700 -6.506 28.90 2.700 2.700 -6.506 28.90 2.700	90	-7.138	27.47	047.	-7.129	28. 15	000	-7.124	24.65	004	7.121	76
-6-71	95	-6.715	<7.75	442.	506.40-	3	3,4	000		2 4	91	900
\$61.65 001.55 00	06	-6.741	70.07	0.27	-4-711	1,	3		300	900		1000
00000 00000 00000 00000 00000 00000 0000	Š	444,44	7		7 4 5	3	•	200	00.1	00.0		
	9		41.40		1 1 1	201	00.	1000	61.67	0000	0.00	27.60

Table 73. Azimuthal Magnetic Field (Fresh Water), Frequency = 100.0 MHz, VED Height = 4.50 m

PHASE	(DEG)	-43.58	38.26	42.31	43.68	44.37	44.78	45.06	45.27	45.43	45.50	45.66	45,75	45.43	40.4	45.48	***	01.04	01.04	17.01	7.04	46.38	404	40.49	46.54	46.60	46.65	46.71	40.77	D . O .	9		77.7	P	***			50.14	50.84	51.60	52.44	53,36	54.36	
AMP	(90)	-54.602	-37,702	-31,825	-28,393	-45.976	-24.117	-22.612	-41.351	-20.269	-19,323	-18,485	-17.734	-17.056	-16.437	0/8.51-	B * C * C T =	100.11-	# T # " # T	664.61	2000	-12,886	-12.559	-12,250	-11.957	-11.679	-11.416	-11.165	-10.926	70°07-	70.0		1,00,4-	-4.763	cc1.0-	020-1-	- P. HS.	-6.574	-6,355	-6.187	-6.065	-2,485	-5.943	
HE TOM	(KK)	0.000	050.	090.	060.	.120	.150	190	.<10	0+7.	.270	000.	330	.360	045.	024	00.4	3	010	270		999	000	069	.720	.750	087.	018.	048.	200	•		060.	1.200	0000	004	004	250	2,100	2.250	2.400	2,550	2.700	. 1
PHASE	(DEG)	-43.22	23.42	34.51	34.46	40.50	41.72	45.24	43.13	43.58	43.43	44.21	44.40	44.65	£4.83	20.	45.16	47.65	15.04	10.1	50.00	42.64	4.0	40.04	40.02	40.10	40.18	40.26	40.34	79.05			AD . 0.7	4 / 30	C :	*2.01	40.4	20.04	50.71	51.49	56.34	53.26	54.28	
Ā	(60)	240.6*-	-27.055	-31.659	-c8,324	246.67-	440°57-	-42.603	1.347	-c0.26a	-14.32>	184.81	-11.734	-17.06	170.444	-15.878	15.350	718.51	524.41	7007	1100	C58.21-	17.500	-12,257	-11.960	-11.687	-11.425	-11.175	-10.936	90/ 01-		:	40.	-8.77	C + C + C + C + C + C + C + C + C + C +	7.00.7	70.0	16.584	-0.364	-6.190	-6.074	*5.994	-5,953	
חב [נחן	(FY)	333.0	010.	0 Z J •	000.	010.	000.	000.	2/2.		つ ア つ・	201.	011.	1770	25.		051.	0.	0.7	0 1		200	2	0€ >•	042.	UC>.	002.	2/2.	200.	062.	•	;	065.	5 .	00.	000	200	200	700	001.	0000	0,40	00%.	
ras St.	(020)	04.14-	-7.63	10.01	16.17	67.13	14.15	34.55	35.00	37.60	10.06	33.60	また。たり	₹ ८. 0.	41.03	10.11	* · · · · · · · · · · · · · · · · · · ·	47.74	10.24	06.24	01.0	1 1	70.5	10.11	¥1.14	44.30	44.53	44.00	44,83	7.33		, . ;	, c	40.35		50°/4	1 2 2	70.44	72.05	70°15	51.10	34.75	53.49	
ą Į	(100)	-34.000	-36.400	-30.000	-67.534	767.440	-63.811	-46.410	-610-13	-60.174	157.41-	111.01-	-17.700	11.037	10.430	1/9.41-	ددر. د	9/8.71-	75.41	1 1 1 1 1 1	120.01	-10.600	/85.71-	16.200	-11.988	-11.71	F17.447	-11-144	196-31-	-10.735	010.01	:	0 10 .	10.00		100.7	450.0-	7.0.0-	-6.397	-6.224	-6.108	-6.028	-5.486	
והטן אר	£ £	2000	500.	900.	トココ・	210.	cio.	010.	177.	420.	1200	060.	.033	0000	¥50.	t c	1	5	100.	0 :	5 5	200	000		210.	c/ u.	۹/٦٠	100.	\$ 1 0 0	0 :	•	1	0	271.	0	001-	307	C/ 1	017	4445	0.7.	c c2.	0/2.	
70407	(050)	46.06-	+42.67-	-13.73	17.41	3.44	4.55	7 * * 1	10.01	01.17	Y2.17	42.03	21.02	27.10	77.16	36.60	15.55	34.63	30.00 	10.00	2	0000	77.05	70.02	FO . FO	37.56	14.00	47.04	\$C.0\$) -) -) -	7	,	7.	70°73		10.01	17.7	40.	10.74	05.69	50.75	10.25	53.14	
Ī	(00)	-65.336	971.42-	L 16.+2-	-23.016	-26.140	-21.010	-24.900	-C0.05-	-17.007	165.01-	-11.00%	-11.636	10.00	F07.01	+10°c[-	-15.133	7.0.1.	0/2:47-	0000	170.01	-12.040	C.C. 21-	-16.641	-11.361	-11104	754.77-	-11.133	-10.400	03/10/1		4	110.4	10.000	7.0	7	11.00	**0.0-	701.0-	010.0-	041.0-	111.9-	// 10-0-	
TE ion T	7	000.0	. J.O.	5000	. c u 3	•00•	600.	900.	.00%	t000	£00.	0100	.011	. 12	.013	• 0 T	510.	9	\ T \ .	0 0			220	.023	. J. 24	. 625	• 6.26	127.	92°0°	5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	•	J.))	ا ا ا		ָה על הייני הייני	993	65	20	.075	980.	.065	060.	

Table 74. Vertical Electric Field (Ice), Frequency = 0.1 MHz, VED Height = 0.00 m

						•		
HE IGHT	AMP	PHASE	HE IGHT	d#4	DHACE	110101	9	1
(KX)	_	3	(MM)	3				
000		70 701		20. 00.	•	-		920
			2	670	7	9	-36.875	-117.74
200	•		001	-64.60	-	300	-39.165	-104.07
900	•		.200	-29,363	7	009.	-38.957	-90.35
60.	•		.300	-59.407	7	006.	-38,321	-77.98
.120	7		004.	-29,395	•	1.200	-37.420	47.40
.150	-16.61-		.500	-29,330	-91.22	200	36.407	0 0 0
.180	7		0000	-29.213	1		27.0	
.210	•	-90.91	700	100.00	, ,	000	*****	20.00
240	•		- 1	2000	P '	201.2	174.366	
	1		200	2+0.07-	•	2.400	-13,455	-43.89
	ï		200	-78.015		2.700	-12.585	-40.60
000	ď		7.000	-28,348		3.000	-31.777	-37.90
330	7		1.100	-28.063		3.300	-31.027	-35.65
.360	7		1.200	-27.762		3.500	10. 330	20.00
390	7		1.300	-27.450		010	9	
.420	7		004-1	- 77			100 6	21.36-
450	ī		004	2000		200	C 10 12	-30.72
9	1			900.03		7000	-64.508	-27.49
	ï		000	-40.405		7.800	-47.974	-28.42
3	ï		1.700	-46.162		5.100	-67.472	-27.46
.540	7		1.800	-25.842		5.400	-76.998	26-61
.570	7		1.900	-45.527		7.700	-24.540	
9.	7		2.000	-45.216		000	121	200
.630	7		7.100	-44.912		3 5	20101	07.62
.660	7	-71.54	2.200	414.47	110	000	п.	7
069	7	-70.51	300	74.39.2		0000	153,336	-23.46
720	-	7	004	170 034		006.0	3	-23.43
1	1			17001	•	1.500	š	-22.95
4		77.00	•	00.00	•	•	3	-22.50
	0 1	110		- C3. 484	8	æ		-22.09
•		30.00	:	-63.665	-37		-43.642	-21.71
	25.01-		008.7	-25.967	36.	004.	-43.344	-21.35
0		7	•	-66.716	-35.4	8.700	-<3,057	-21.01
006.	18.60	-64.86	3.000	-44.75	-35.0	?	-<2.780	-20.70
•	7 1 1	,			·			
•		; .	•	•	74.17-	10.500	÷	-14.37
ŗ	104	00.70	•	_	-48.73	12.000	٠.	-16.35
7	0,000		٠	ъ.	-26.54	13.500	-19.536	-17.57
ç	140.01-	£6.44-	2.000		-64.17	15.000	817.81-	100.85
Ŷ	-16.673	-43.27		~	-23.30	16.500		16.27
æ	-10.401-	140.74	٠		90.22-	100	-17.330	1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
٠.	-15.560			Ω	00.12	10.4.01		
7	151.51-		•				100	50.01.
~	-14.730			, ,	2 1		100	
	4.1.1		•	าง	77.61	000.22	ň.	-14.59
			?	η.	00.07-	2	'n	-14.27
700		20.05	0 0	3.	74.11-	_	8.	-13.98
)	•	•	* · · ·	27.000	124.41	-13.71
•								
	1 1 1	. 4	000	790***	-16.92	Ω	;	-13.46

Table 75. Vertical Electric Field (Ice), Frequency = 0.1 MHz, VED Height = 2247.60 m

# H	A 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	PHASE (UEG)	1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	A A A A A A A A A A A A A A A A A A A	PHASS PHAS PHASS PHA	# 16	A MARCH CONTRACTOR OF THE PROPERTY OF THE PROP	10000000000000000000000000000000000000
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00001111000000000000000000000000000000	24.24.24.24.24.24.24.24.24.24.24.24.24.2	133.4.0.1 133.4.0.7 133.4.		2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2. 1. 1. 1. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2.	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	-40-1 NONE WEEK A 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
000011240000000000000000000000000000000	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	23.4.0 23.4.0 23.4.0 23.4.0 23.4.0 24.6.0 24.6.0 24.6.0 24.6.0 26.0 26.0 26.0 26.0 26.0 26.0 26.0	00000000000000000000000000000000000000	2002 2003 2003 2003 2003 2003 2003 2003	1. 1. 2. 2. 2. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3.	11.4.4.6.6.6.6.6.6.6.6.6.6.6.6.6.6.6.6.6	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	10
	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	200 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	V	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.	10
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	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	25.18 25.88 25.88 22.98 12.98 11.08 11.08 11.08 11.08 11.08	00000000000000000000000000000000000000	22. 23. 23. 24. 24. 24. 24. 24. 24. 24. 24. 24. 24	2.20.11 1.52.72 1.1.52.72 1.2.52.72 1.2.52 1.2.52 1.2.53 1.2.53 1.2.53 1.3.53 1		117. 127. 127. 127. 127. 127. 127. 127.	
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		24.42 -22.05 -22.05 -20.31 -14.95 -14.95 -14.93 -14.93		222 23 28 23 24 24 24 24 24 24 24 24 24 24 24 24 24	111. 64.444 111.444 111.444 110.444 11		2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	23.00 33.00 34.00 34.00 34.00 34.00 41.00
		23.05 -21.08 -20.31 -17.00 -17.00 -18.93 -18.93	00000000000000000000000000000000000000	223.089.3 223.388.3 223.388.3 223.318 223.318 221.022.318 221.022.318 221.022.318 221.022.318	2 1 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	4 - 0 m m m m 4 4	144.000 144.000 144.000 144.000 144.000	31.24
		1.221 1.221	00000000000000000000000000000000000000	7.23 . 695 7.23 . 625 7.23 . 625 7.23 . 625 7.25 . 716 7.27 . 745 7.21 . 745 7.21 . 745 7.21 . 745	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	10mmmm44	1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
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		114.93 114.93 114.93 12.61		763,336 763,031 763,031 762,070 761,745 761,162 760,787	3. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7.	6 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	- (6.04) - (5.346 - (4.698	36.16 38.06 34.69
		17.60 18.93 12.61	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	23.031 22.716 22.716 22.716 22.716 22.716 21.74 21.102 20.787	6.34 11.45 14.45 14.45 16.64	00000000000000000000000000000000000000	-65.346 -64.698 -64.093	34.06
		-16.26 -14.93 -13.61		.22.716 .22.070 .22.070 .21.745 .21.422 .21.102 .20.787	4.28 11.45 14.41 16.64 18.80	3.900	-24.698	34.69
		-14.93 -13.61 -12.30	4.	122.395 122.070 121.745 121.122 120.787	11.45 14.41 16.69 18.80 20.75	4.500	-64.093	41.09
		-13.61	1.500	22.070 22.070 22.042 22.052 20.787	4000	005.4		40.32
		-14.30	11.1.1.00	121.745 121.102 120.787	കരം		-63.627	i
			1.400	121.422 121.102 120.787		008.4	100	7
		7	70000	201-102 -20-787 -20-787	::	9 -		***
		10.0	1.400	761.102	:	001.6	564.75	44.36
	-	. 7. / 3	7.000	-40.787		2.400	-44.022	45.22
	-14.773	-B.47	2.000	-<0.477	å	5.700	-<1.574	45.99
	-14.734	-7.43			;	9.000	-41.150	46.69
	~	-6.00	2.100	-20-173			-40.747	47.33
		07.4	2.200	17.0				
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	-14.373	P.	.70	w		7	6.68	50.22
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.200	2,45	13.61	300.4	-15.646	46.34	12.000	•	4
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004.	-10.563	36.48	3000	-10.725	53.81	76.000		,
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2.850	,	:		3	56.61	• ^)	20.00
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Table 76. Vertical Electric Field (Ice), Frequency = 0.1 MHz, VED Height = 4495, 20 m

# [GM]									
(UE)	E 16HT	A	٩	nt IGHT	AMP	4	1	914	9
746.2	X X		(0)(0)	E	3	1 3		É	7 C
	00000	7	65.07-	00000	7 1 7 1	44.46-		3 4	3
	• 030	7	-17.65	007	10.00	20.00		700	
	.060	÷	-10.29	002.	-14.674	15.71-	200	CE 577	0 7
	060.	7	-14.43	300	407.61-	-12.84	3	100 27	-
	.120	7	-13.56	201	069.51-	20.00	1000-1	0.0 27	900
1001	150	7	-16.19	.500	110.011	-3.76	305	! =	2 2 2
1001 200	.180	-10.36	-10.81	009.	353.51	99	20.00	980.47-	
10.00	.210	7	44.41	.700	-19,327	96.4	2.100	-24.000	200
	.240	7	-8.06	009.	-19.120	9.90	104. V	-43.068	7.41
	.270	7	49.0-	005.	-189.81-	ż	2.700	-62.201	7
	300	7	-5.32	1.000	-18.615	16.35	3,000	-61.396	0
1.00 -2.55 -18.027 -25.74 -19.95 -10.011 -	.330	7	3.45	1.100	-18.328	19.75	3.300	440.07	7
	360	7	45.5-	1.200	-18.027	26.88	3.600	450.01-	4
1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	.390	7	-1.24	1.300	-17.715	25.79	3.900	-19.310	9
	.420	7	7	7.400	-17.397	X4.45	002.4	707 HT-	7 7
	.450	7	1.45	2000	-17.076	30.97	2000	7.47	O U
10 10 10 10 10 10 10 10	.480	7	87.7	004	16.754	* * *	0114	214 21-	1 1
100.00 1.0	.510	7	70.0	1.700	4	35.42		71.	0 0
100 100	045	•	19.5	001	71.01.	100	1	377	
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10 10 10 10 10 10 10 10	9	-			0 1 1		200	000	0.0
1000 1000				900	0.5	26.0	000	6/1°C1	7.0
775 10.2.7	200	1	7.6	001.7	961.01	74.54	9.300	-15.379	64.8
7.50	0 0			002.2	***	;	0.0	2	4.4
10 10 10 10 10 10 10 10		1	7	000.	170.47	'n	9.400	-14.636	64.0
10 10 10 10 10 10 10 10	200	1	16.71	004.7	-14.33/	ė,	7.200	-14.290	65.4
13.54	200		n .	005.2	1400.11	47.87	•	-13.954	62.9
10.00 10.00	200	7	15.33	2.600	13.748	00.7.	7.800	-13.64	60.4
10.05	9.	7	10.50	C.700	-13.539	20.07	9.100	3.33	66.8
0.00 -10.37 19.77 1.900 -12.805 22.91 9.000 -12.700 1.0.37 1.0.	9.	3	17.65	7.800	-13.246	51.07	001.0	3.04	ζ.
1050 -10.49/ 19.90 3.000 -12.805 52.91 9.00 -12.495 10.00 -10.204 10.200 -12.495 10.00 -10.204 10.204 10.204	.870	Ť.	10.75	006.7		52.02	٠,	2.76	~
050 -11.286 10.000 10.765 10.000 10.286 10.000 10.286 10.000 10.286 10.000 10.286 10.000 10.286 10.000 10.286 10.000 10.286 10.000 10.286 10.000 10.286 10.000 10.286 10.000 10.286 10.000 10.286 10.000 10.286	006.	¥5 • 3 1	30.4	3	8	54.91		6,49	ς.
100 -175 170 170 170 1050 1120 11									
3.50 - 3.4.04 - 3.4.04 - 10.752 34.77 1.2.004 - 10.264 3.4.0	1,050	- >	25.61		-11.708	56.74	10.500	-11.286	94
350 -94464 34.56 4.500 -4.414 04.26 13.500 -4.384 05.50 -4.474 04.36 13.500 -7.384 05.50 -4.474 05.50 -4.36 13.500 -7.387 05.50 -4.476 04.36 13.500 -7.337 05.50 -5.50 -7.346 05.18 16.50 -7.337 05.50 -5.50 -7.346 05.18 16.50 -7.337 05.50 -5.50 -7.46 05.18 16.50 -7.337 05.50 -5.50 -7.46 05.18 16.50 -7.337 05.50 -5.50 -7.46 05.50 -7.46 05.50 -7.46 05.50 -7.46 05.50 -7.46 05.50 -7.46 05.50 -7.46 05.50 -7.46 05.50 -7.46 05.50 -7.46 05.50 0	1.200	•	30.08	000.	-10.754	54.17	3000	-10.264	200
100 100	1.350	373.4-	34.56	4.500	7 7 . 7 -	62.20	13.500	200	71.7
660	1.500	//o.v.	36.56	3.000	-4.176	04.30	15.000	-0.628	7.2.7
1800	1.650	-8.135	46.66	9.5.0	-6.523	66.18	16.500	-7.963	7 3.5.5
950	1.800	10.400	45.63	000.0	646.7-	67.79	18.000	-7.377	74.4
100 -7.70 51.34 7.000 -0.950 70.50 21.000 -0.600 .20 -7.400 3.4.4 7.900 -0.27 71.83 24.500 -5.40 .50 -7.400 3.4.4 6.000 -0.12 7.03 7.10 7.03 .50 -0.400 3.4.7 6.500 -3.438 7.10 7.304 -3.304 .50 -0.740 3.4.7 7.500 -3.305 7.34 7.10 7.304	1.950	100.00	*40.7*	4.500	124.1-	67.69	14.500	758.9-	73.1
.250 -7.400 -5.50 11.85 22.50 -5.493	7.100	-7.116	44.14	0000,	-0.400	10.00	71.000	0000	75.0
4.00 -7.410 30.09 0.000 -0.127 (3.03 (4.000 -5.630 1.550 1.570 0.001 -5.630 1.570 0.001 0.001 1.550 1.5.00 1.5.00 1.500	4.250	-7.400	77.46	1.500	10.004	71.85	42.500	. 44.6	70.7
550 -5,450 56.47 6.500 -5,456 74.16 65.500 -5,304 770 -5,70 -5,004 75.00 -5,455 75.44 6.74 64.74 64.77 6.50 6.50 6.50 6.50 6.50 6.50 6.50 6.50	004.2	-7.610	70.00	9.000	-6.1e7	13.03	000.40	15.630	71.46
	5.50	CQ. 40-	20.77	0.500	8<8.4-	74.10	45.500	-5.305	78.1
24.71. 002.83 43.81 CUE.C- 002.4 /0.68 34C.01 028.	00/	2	40.10	000.	7.5	1- 14			1
	3000					73.6	000.	.>0°c-	7.0

Table 77. Vertical Electric Field (Ice), Frequency = 1.0 MHz, VED Height = 0.00 m

1	3. C AM U	CURNEANGE		10.0 KM DOWNRANGE	DWNR ANGE	1	30+0 KM DOMNRANGE	DENR ANGE	~	100.0 KM DOBNRANGE	DENRANGE
										•	
TE IOHT	Į	PHASE	HE LOHT	AMP	PHASE	HE ICH	A	PMASE	ME I SHT	AM	PHASE
Ĩ.	(0)	(010)	Œ.	900	(540)	2	(ad)	194(2)	1	(08)	(0)(0)
00000	-20.034	-17.92	0000	-30.544	-8H. 0.	0.00	140-04-	96.10		405.05	40.5B
.003	145.02-	-70.48	010	-30.533	-83.22	0.0	-39.B36	-77.21	000	-68.33B	40.05
900	-20.393	-75.05	0.40	-30.463	-78.5U	200	-39.168	94-	000	-44. A20	-32,37
600	-20.581	-73.63	350.	-30,336	-73.91	0.50	-38.755	-54.00	300	-41.993	-23.06
.012	-20.513	-74.24	240	-30.159	00.50-	120	-27.170	-45.72	90	-39, 769	-17.91
.015	-50.55+	-70.81	050	45.6.47-	-65.30	150	-36.108	96.98	500	-37.972	-14.68
910.	-20,531	64.49	200	289.62-	-61.36	200	780 45-	34.74		-36.475	-12.48
.021	-24.54	464.05	070	965.67-	-57.67	0 7	+64,134	-30.24	700	-35, 196	-10.89
.024	-20.400	.00.00	000	680 62-	-54.54	042	- 23.247	-27.03	900	-34,082	69.6
120	150.05-	45.45	0.40	-78.765	40, (4-	17.2	-32.424	04.46	000	-33.09A	. H. 75
0.030	-20.301	20.40-	1001	-28.431	* P * P * -	006.	-31.665	-22.22	1 .000	-32,216	-8,00
.033	-20.340	-64.73	110	(50.87-	145.44	95.	750.05-	20.30	1 . 1 00	914.16	-7.38
9.36	-20.289	-61.45	201.	-27.748	14.5.47	300	-10.303	19.91	2000	-30.690	-6.86
6.	-26.56.34	7	÷	604-67-	1	2	004 57-	17.50	200	120.02	4.45
240	-20.175	CV - DC -	0,	-27.065	-38.60	201	211.65-	10.34	004	1000	6.05
6.45	-20-113	-51.74	051.	677.97-	-36.67	3 1	345 HZ-	5		-24.827	-5.72
640	-20.040	44.04-	797	170.348	-36.50	0.44	-CH.074	64.41		28.200	4,6
160	36.5	ָּבָּר , רְּבָּר , רְּבָּר , רְּבָּר , רְבָּר ,	176	1/0 0/1	777	5	101 27	24.61	100	197 797	9
J.	7.7	45.44	- X	7.5.4	7	2 1	040.17	10.7	200	227 216	0 7
				00000		0 1 1	241	16.71	000	*16.75	
1		100		0 ** • • • • • • • • • • • • • • • • • •	00.00	2	611.03	17.71-	006.1	100.00	ח ו
0 0	0014	£0.26-	200	5+1.62-	CD * 62-	20.	905.03	50-11-	000.7	****	14.0
100.	700.41-	94.00-	012	190.57-	-9.77	350.	14.52	-11.16	2.100	-50.04Z	4.4
6 0 0 0 0	270.41-	7.7.	022.	-44.560	-46.12	199.	-45.547	-10.68	2.200	-25.660	-4.25
01	176.61-	, a. a.	062.	082.42	-45.68	9	-62.193	-10.54	S-300	-25,296	-4.12
21.5	774471	AD	0 .	100.22	0/ . 57-	.740	-64.854	40.6	2.400	-24.948	-3.99
د ره	200.41-	74.04-	062.	-43.742	-43.79	067.	625.47-	74.6-	2.500	-24.615	-3.87
670.	193.41-	-42.27	.260	-63.483	-45.94	.780	-64.217	-4.13	2.600	-24.296	-3.77
180.	4/1.4]-	10.01	.270	-23,232	-55.14	o 7 ₽ •	-43.917	-d.81	2.700	-23,990	-3.67
, 184.	140.41-	-++-	087.	-62.988	-21.39	048.	-43.628	-4.51	2.800	-23,696	-3.57
190.	770.61-	-43.20	047.	-62.749	-20.68	0.00	-<3.350	-8.23	2.900	-23,413	-3.49
060°	-10.916	74.24-	.300	-22.518	-20.01	000.	-43.081	-7.97	3.000	-23.140	-3.41
	4	1	9	1977			171				;
120	7,447	130.45	001	101	(0 U T T	0001	14.866		3.500	-41.908	-3.07
	7 7 7	33	•	00000	30.07	000	70.0		000	****	70.7
1	17.10	06.10	1	0000 27	17.67	000	70.0	4.0	005.4	150.01-	10.2
2 4	2	12.40	9 4	0 1	,	000.1	901.61	0	2000	-19.167	-4.45
	2000	00.00	000	017.01	* ;	050.1	90.0	4.55	2.500	504.81-	-2.32
000	2011			965-17-	9/06	30.	192.71	14.20	000.9	-17.754	-2.20
0.10	000.01	26.22	000	770 - 7	0	056-	-1/.153	6.5.	6.500	-17.163	-2.11
017	V 0 4 0 1	/2.12-	200	115.91-	97.99	2.100	-16.615	-3.66	4.000	-16.624	-2.05
	161.61-	08.41-	06/	-16.032	-7.00	2.250	-16.122	-3.45	7.500	-16.129	-1.95
) t	04/ - 11	10 10 1	000	-15.588	-7.13	2.400	-15.666	-3.26	000.0	-15.673	-1.8
000	000	62.71	900	9/1-6/1-	9.00	2.550	12.544	- 3.09	9.500	-15.250	-1.62
0/2.	001.41-	7.01))	-14.793	-6.25	2.700	-14.853	-6.94	0.000	-14.857	-1.77
	100-11-	10.6	200	16.434	-5.69	2.850	-14.487	-2.8]	9.500	-14.492	-i.72
300	100.01-	-14.35	0000	660.71-	-5.55	3.000	-14.146	-4.69	10.000	-14.150	3

Table 78. Vertical Electric Field (Ice), Frequency = 1.0 MHz, VED Height = 227.76 m

100.U KM DOBNKANCE			•																														22 22 28 29 29 29 29 29 29 29 29 29 29 29 29 29												
00.0 K	Ą	2	144.00	20.14	-38.3	40.00.	15.66-	-31.56	70.05	-/9./-	-6/.03	000	27.	16.00	7			(% - / /			70.07	10101	70.07	10.04	100111				0 4 4 0 0 4 1 0 0 4 1 0 0 0 0 0 0 0 0 0	7, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4,	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	748 7440 E E E C C C C C C C C C C C C C C C C	77	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	1000 100 100 100 100 100 100 100 100 10	17 17 17 17 17 17 17 17 17 17 17 17 17 1	10100000000000000000000000000000000000		2440 2440 2440 2440 2440 2440 2440 2440	10000000000000000000000000000000000000			1	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	
	nt [on]	(M.)	0.000	001.	002.	000.	00.	200.	200.	00.	200.) }	000	000	70.00	000	000	000		7.00	1.700	1.700	7	V V V V	1	00000000000000000000000000000000000000		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		00000000000000000000000000000000000000	00000000000000000000000000000000000000	2111	10.00 CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC	21111	1111	######################################	24 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	######################################	######################################
41. 41. 10.	10456	(JE6)	74.02-	50.41-	2		\$.	4.5	7 · · · · · · · · · · · · · · · · · · ·	35.47	50.00	10.00	\	71.5	1 10 7	10.07	100/3	40.30) \ . *	1 4 1 C	7 4 - 1 C	24.7 24.7 21.0 21.0 20.4 20.4	1100 1100 1100 1100 1100 1100	110 110 110 110 110 110 110 110 110 110	1 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1	2	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	10000000000000000000000000000000000000	1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	11111111111111111111111111111111111111	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		11111111111111111111111111111111111111			11121212121212121212121212121212121212		11111111111111111111111111111111111111	1112	1117 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2		
01111111111111111111111111111111111111	ā	(00)	33.600	779.67	767.30		1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1	17. 17.	100.00	201.17	000.07		764.34	-6 3. VEL	-6 3.312	-66.743	102.37	-61.106			-611.17	-66.175	-66.775 -66.346 -19.946	-66.775 -66.346 -17.946	14.94c 14.94c 14.94c 14.94c	14.555 14.555 14.555 14.13.	144.540 144.540 144.540 144.540 144.540 144.540 144.540	144.540 144.540 144.540 144.540 144.540 144.540 144.540	0 4 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	100 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	7.25 (1.77)	1007/1000 (1000)	7 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	000.11 000.11 000.11 000.11 000.11	7,1,17,2 1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,	20000000000000000000000000000000000000	7,1,17,17,17,17,17,17,17,17,17,17,17,17,	000 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	7 (7 (7) 7) 7 (7) 7	7,1,170 1,1	00000000000000000000000000000000000000	10.000	0000 10000	C C C C C C C C C C C C C C C C C C C
	יר ויייו	(> 4)))	20.	0 1		2	00.4		617.	7		, , ,	000.		274.	DC4.) T .	.10.			2	2 2 2	1111			1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2					2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	17 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2												
101 447 4	1145	(0,0)	22.62	01.11	07.07-	60./-	4		2	/ 5 /	10. (3	13.04	10.36	15./8	CD • 12	63.13	00.00	20.22	04.0	34.45		55°15	36.50	11.15 16.60 13.36	34.36	20.77 20.00 20.00 20.00 20.00	20.42 20.02 20.03 20.03 20.73	2000 2000 2000 2000 2000 2000 2000 200	£ 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2000 000 000 000 000 000 000 000 000 00	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10	21.10 20.10	20.10 20.10	20.10 20.10	11.00000000000000000000000000000000000	11.10 10	20,110 20	60.10 60	10.10 10	10.10 10	20.10 20.10	41.42 41.43 41	20.10 20.10
07 447 4000 EZ 7 40	1	(00)	F 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	175 174	151.37	200.42-	-63.113	76363-	-63.661		266.22	C+2+33_	-61.303	+60.13-		-C12.47-	-co.534	2012-12-	100.4	540.61-		202444	1 24.01	104.01-	104.01	00000000000000000000000000000000000000	000 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	U	U	0	1	11. 44. 41. 41. 41. 41. 41. 41. 41. 41.	00000000000000000000000000000000000000	0.000000000000000000000000000000000000	0.000000000000000000000000000000000000	00000000000000000000000000000000000000	0.01.00.00.00.00.00.00.00.00.00.00.00.00	0.000000000000000000000000000000000000	0.000000000000000000000000000000000000	0.000000000000000000000000000000000000	2000 1000 1000 1000 1000 1000 1000 1000	0.000000000000000000000000000000000000	0.00.00.00.00.00.00.00.00.00.00.00.00.0	0.000 0.000	2000 - 11 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1
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; ;	70 40 7	10101	10.04	14.01-	C1.01-	70.77	45.21-	61.11-	, a • ¢ •	54.0-	27 - / -	10.14	7.7.	+1.6-	a	ກ ຄວ•າ	٧٠.	0 1) ; ; ;		7 .	0.10	0.44	1 0 / 0 / 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 0 7 0 7 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 / 0 / 0 / 0 / 0 / 0 / 0 / 0 / 0 / 0 /	1 0 / C / D / C / C / C / C / C / C / C / C	10/ C/	1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	4. C. L. C.	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	10000000000000000000000000000000000000	00000000000000000000000000000000000000	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	100 100 100 100 100 100 100 100 100 100	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	10000000000000000000000000000000000000	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	11111111111111111111111111111111111111	10000000000000000000000000000000000000
	1 0	(2), (2)	* 00 · 0 ! -	-10.044	-15.033	-15.016	11.4.400	-14.700	-1360	-14.017	000*#1-	-14.765	CC/**!-	1/0**!	/13:11-	100.1	0 1 1	N 7 . 1 . 1		.,,	1	1,1	-14.145	10000	11.000000000000000000000000000000000000	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	11.0000	# # # # # # # # # # # # # # # # # # #	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	B > 3 × × × × × × × × × × × × × × × × × ×	0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 -	## 17 17 17 17 18 18 18 18 18 18 18 18 18 18 18 18 18	11000000000000000000000000000000000000	# 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 0 1 0	######################################	# 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	8	######################################	11000000000000000000000000000000000000	0	11	11		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
	11,341	ن	3	64.3	ۍ د. •	21.	: •	`.	٠, ۲	•	17.	÷.	٤٤.	٠ ١		,		7					> .n					300 40 70 50 50 6 40 6 40 70 70 3 5 7 5 5 5 5	> 3 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	> m 6 m 6 m m 4 m 4 m 6 m 6 m 6 m 7 m 7 m 7 m 7 m 7 m 7 m 7		>0 4 5 5 5 5 6 5 6 5 6 5 6 5 6 5 6 5 6 5 6													

Table 79. Vertical Electric Field (Ice), Frequency = 1.0 MHz, VED Height = 449.52 m

						1		1	-		
THOI ST		72477	4£ [6H]		PHA SE	חב להחן		FINA SE	At I GMT	A	PHASE
÷:	נים	(000)	Ĩ	(04)	(OE 6)	(£ 4)	(ab)	(UEG)	Ť	(90)	(DEC)
9		-0.65	300.0		-13,30	333.		-15.33	707.7	-34,835	-10.14
7		57.	210.		18.50	000.		-1-16	007.	-30.06-	64.38
9 9		10./4	200		-3.17	.050		14.55	002.	-33,154	70.44
2).	0.0		, a)) •		44.01	0000	-30,319	53.32
4		18.7-	010		5,63	. 100		34.26	204.	-K8.096	26.48
٠.		C 7 • 1 •	.000		74.7	06.1.		30.69	005.	-26,300	61.71
ο.		c0	200		3,30	707.		41.70	000.	-24,805	14.50
٠. د د		40 • T	200		17.04	012.		45.71	00/.	-C3.568	65.51
* !		7 (1	780		CD.47	A * 7 *		10.01	. 600	-62.417	66.72
~ (J. → J.		63.63	1/2.		51.56	004.	-41.435	67.67
2 5		1.0	707.		46.36	200.		د 7۰ ٤٢	1.000	-40.535	64.43
3		21.0	? !		C7.K2	360.		44.48	1.100	-14.760	00.60
S		20.0	121.		31.13	. 360		57.16	1.000	-14,036	64.59
Ġ		7.30	351.		34.00	340		54.51	1.300	-18.37U	70.04
17		10.00	. 140		30.12			54.55	7.400	-17.755	70.43
ů,		71.00	751.		30,00	454.		50.72	1.500	-17.185	70.77
10		10.51	, 100		45.65	001.		57.04	1.600	-10.052	71.07
5.		12.41	07.1.		41.51	014.		44.79	1.700	-10.153	71.34
40		10.03	797.		43.04	o+c.		63.14	1.800	-15.685	71.59
2.5		10.33	351.		~ 1 . 1 .	0/4.		63.85	005.1	-15.243	71.81
Ş		17.00	707.		42.73	000		64.45	2.000	-14,825	72.01
6.5		10.70	٠٢٧٠		71.05	.030		90.09	2.100	-14.430	72.19
99		17.04	4660		48.17	.000		62.53	2.500	-1 034	72,36
50		25.02	1630		44.65	250.		16.09	2.300	-13,696	72.52
15		46.12	7,47.		20.00	. 140		09.00	004.2	-13,355	72.67
3		26.35	367.		51.60	J-750		00.30	2.500	-13.029	72.81
υ		C4.67	062.		40.25	00/.		6/•17	000.2	-14.717	12.94
70		64.43	072.		56,73	, a .		66.52	2.700	-14.418	73.00
1 1		22.00	707.		27.66	0,00		67.45	2.800	-14.132	73.18
0		10.07	067.		74.46	010.		66.15	2.500	-11.857	73,30
) T		51.13)) •		۵1.c))		44.	3.000	-11,592	73.40
10		:	į		3	-	3 1 2 3	;	,		;
10		10.1	000	2000	20.00	000	10.55	, . , . , .	000.5	004.01-	13.89
ر د ر		10.60	0 :	10.6	C0.00	002.1	. 4.56.5	10.07	000.4	J. 405	74.32
J. (37.50	1C+•	90.	10.70	7.50	71. R-	71.53	4.500	9 248	14.72
3		75.75	200	5/2.0	64.33	1.500	126.21	72.2H	2.000	-7.80¢	75.10
å.		42.64	000	1.004	65.80	050.1	-7.328	74.95	5.500	-7.158	75.47
		70./3	339.	-7.166	67.10	J • & C C	-6.761	73.58	000.9	-6.589	75.85
ŝ		77.05	000.	10.040	12.89	1.950	-6.260	74.18	6.500	-6.088	76.24
3		56.30	227.	-6.212	64.35	2.100	-5.81c	74.76	000.7	-5.645	76.64
55	•	24.40	Je/.	-5.831	70.35	2.630	-5.420	75.33	1.500	-5.254	77.05
Ç		20.00	.000	644.6-	71.30	V. + U.	080.5-	75.94	8.000	905.4-	77.48
55		50.05	J65.	-5.194	14.41	7.550	-4.775	70.47	8.500	+09.4-	77.93
3	19/ 5-	27.67	306.	454.4-	73.07	4.700	105.4-	11.04	000	-4.337	78.43
ď											
•			2000	14.647	13.92	050.2	-4.77	77.63	005	101-4-	78.90

Table 80. Vertical Electric Field (Ice), Frequency = 10,0 MHz, VED Height = 0.00 m

1											
THOT JE	T E	FHASE	HE Jun !	ĭ	FHASE	וחטן טח	Ā	PAASE	HE JUHT	AMP	PHASE
() () () () () () () () () ()	(Ca	25.50	٠ ٤	(2)	(of c)	(¥ v)	(90)	(000)	(KM)	(50)	(DE 6)
000	0000	20.00	3.0	110.06-	JD. NO.	0000	-60.054	41.07.	00000	-10.01-	-90.26
	200	7	010	100.01	マロ・ナナー	200.	564.10-	-21.73	001.	->2.006	-6.46
200	****	10-	200	144. /45	14.05-	• 000	106.54	-14.28	.200	540.075	-3.53
6	7.1.05	7/15	0000	27.11	24.17-	010.0	764.74	*5./-	0000	-44.060	4.4
7	2011/6-	50.5) 1) •	FT	14.91-	.100	110.011	57.€-	004.	280.04-	7
0 :		*5.75.	000.	754.15-	-13.63	001.	-78.740	¥0.4	.500	-34.170	4:1-
0 -	•	-36.46	000.	744.00-	40.11-	⊃t	-36.59	-3.83	.600	-36.609	-1.5
70.	•	20.02-	200	-12.160	だす・アー	012.	192.CC-	72.6-	.700	-35.292	7
\$ 7.0°		15.62-	300.	440.451	-8.63	7.7.	171.171	-6.80	009.	44.154	14
121.		10.22-)))	110.00-	-7.31	0/2.	-33.145	15.2-	004.	54.15	100
030		99.07-	221.	-36.140	-0.00	001.	-36.653	-2.37	1.000	45.55	
5.53		10.01-	011.	204.It-	10.0-	0500	101.440	-6.11	1.100	1.453	
• v 36	•	+6 0/1-	.160	-30.570	3.30	000.	-30.715	,	007	-30.719	90
.039	127.040	-10.04	061.	170.071	25.50	24.5	10.07	7	007.7	590.04	
₹000	-27.013	-14.03	7,1.	246.42-	70.4-	1,11	11/4-63-	~ ~ ~ ~ ~	001	1	•
547	-20.040	1,0,03	. I 50	-CD. Ala	75.3-	1	/ N. W. D.	4		1111	. (
640		75.	Ē	1	,				000	0.00	
5	196.74		777	101.01		2 -	72000		0000	000 000	•
3			-			010.		۲ · • • • • • • • • • • • • • • • • • •	00.1	700.72	
		70.71	0 1	100.101	30.6-	010	101.304	16.1-	1.800	-47.346	•
0 4		0.01		199.92	74.5	2,0	410.07	17.7-	7.400	-20.878	-**-
	-40.40	70.01-	002.	-40.430	- 3.64	• 600	254.03	-1:14	2.000	-26.453	1
. 653	140.621	ア/・アー	. 4 7 .	-<6.037	-3.00	.630	140.02	-1.1	2.100	-<6.051	1.
. 65	-42,563	- 7.36	177.	-<>.45	-4.43	.000	145.667	11.03	7.200	-43.668	1
59).	-25.1/v	10.40	UE 2.	762.62-	76.00	040.	-c5.303	E0.1-	0000	-45.304	77.
٠٠٦٤	-24.036	10.1	247.	174.245	10.2-	.760	-64.45-	***	004.7	556.47-	
• 1, 75	-24.500	-0.14	2630	710.47-	-7.50	ve).	179.45-	7	227.	174.47	
• 078	-24.170	-1.70	707.	-64.644	94.	.700	705 45	77.1	004-7	101 47-	
. e	¥¥0.0√-	-1.47	0/20	-63.484	9	2	499	1	200	777	2
437	110.65-	07./-	707	16.1.046	17.7	3	-64.70	1	- 1	200	
160.		14.01	7	114.60-	*	7 7	1 7 7 7 7	7	201	7 7 7	
0.5	17 3 4 400	40.0	100		-	3		7 3	004.7		•
					;	•		20			÷
537	CD . 1 2-	79.6	٥ ۲ ۲	104.12-	-1.75	7001	214.12	59.1	3.500	-41.412	•
071.	*10.02.	, t	2004.	CC0.02-	cc.1-	1.500	740.835	61	000.4	-20.85B	•
35	000.0	07.5-	1 1	854.471	05.1-	1.350	750.41-	55	4.500	140.41-	
001.	001.67.	1/05-	000.	471.47	-1.61	1.500	161.61.	50	2.000	-19.131	•
.165	-10.305	-3.30	200	-18.400	ro.11	1.650	-18.408	1.45	3.500	-18.408	
.130	-1/./39	KK.7-	2000	-11.10	**	20001	151.11	24.4	000.0	-17.758	
.195	11.150	-6.71	u ça.	-17.166	۱.٠. ۱.٠.	1.950	191.11-	F. 34	6.500	-17.167	
•≥10	-10.01-	14.7-	007.	179.01-	10.1	2.100	-10.628	37	7.000	-16.626	
• < 25	-10,161	-6.67	uc/.	-16.13		7.630	-16.133	46.4	005.7	-16.133	
077.	-15,065	KN * 7 -	000.	-15.676	12	004.7	115.677	-	000	-15.677	-
. 255	-15.645	37 · T -	000	-15.653	70	0000	467.61-		200	15.25	4
.≥70	-14.053	21.40	004.	199.41-		2.700	14.861	52.	0000	-14.861	
S E C											
1	001.1	00.	300	244.41	¥.	30.4	4.4.4	77.	3	404	•

Table 81. Vertical Electric Field (Ice), Frequency = 10.0 MHz, VED Height = 22.48 m

20000000000000000000000000000000000000	2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	02.07	14.7.1 14.7.1 14.0.7 14.0.7 14.0.7 14.0.7 14.0.7 14.0.7 14.0.7 14.0.7 14.0.7 14.0.7 14.0.7 14.0.7 14.0.7 14.0.7		100000000000000000000000000000000000000	111111111111111111111111111111111111111	285 285 285 285 285 285
20000	62.46 62.13 63.13		2.53.0 2.53.0 2.53.0 2.00.7.7	10.20	-4.418	3000	01.10	14.4/3	. 655 . 670
0000 0000 0000 0000	62.46		2004.7	66.47	4.03	300	97.00	14.41	552.
8.000	96.39		V. 400	66.47	-4.418	200	60.74	6/4.4-	047.
0000	10.70		37.000)		,	. •	
	77		,	1	7.040	157.	24.00	140.41	(7)
000.7	64.99		2.10D	10.20	-10.30	20/	000	-1v.35	017.
6.500	64.50		25.	01.80	-10.811	000	17.40	700.01-	3
0000	66.35		1.000	01.00	-11.373	200.	16.40	-11.466	007
5.500	64.21		1.650	61.47	856. 11-	J C C .	20.00	-14.043	561.
5.000	90.29		J. 000	67.10	159.71-	1000	56.Jb	-16.130	0C7*
4.500	94.19		065.1	10.10	113.485	, t	0.0	730.001-	2
000.	09.10		000°	00.	14,383	3	V - V	h : 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	017.
3.500	61.65		1.050	44.00	-15.414	965.	22.05	12.43.	-105
3.000	91.	129.01-	00%	¢0.0¢	-16.035	000.	11.55	70.01-	060.
7.900	21.44	169.01	20.	34.40	COK.01-	062.	10.40		000
7.600	91.41	-11.11	2 0 0	74.0	-11.185	162.	54.50		180
<.700	61.37	-17.464	010.	24.77	114.11-	0/2.	4.6		0
7.600	64.32	-17.760	.700	54.00	-11.781	197.	54.50		7d
2.500	61.28	580.81	Je7.	כל, צכ	160.01-	JC 2.	50.00		• : 75
2.400	61.23	118.410	.760	14.44	-10.467	147.	12.50		515.
2.300	61.10	-10.70	3,00	05.46	-10.11-	US > •	24.00		667.
2.200	61-13	-14.125	.660	54.15	+61.61-	122.	56.36		.065
5.100	61.07	505.41-	050.	24.00	616.41-	017.	21.00		.063
000.5	61.01	004.41-	200.	54.63	-14.413	. d b	ct.1c		090.
1.500	17.00	-cu.32n	0/5.	20.04	-60.333	761.	21.10		750.
1.800	60.47	-50.174	240	55.44	-40.170	.100	11.00		• 0.54
1.700	60.75	-61.240	014.	54.61	-61.647	011.	47.43		.51
1.000	60.10	-41.751	, 1	د√•,7د	Jel./20	701.	10.01		540.
004.1	99.09	-46.288	004.	27,01	+02.22-	761.	4(.13		\$ 0.
7.400	74.00	-66.22	o ₩ .	٠/٩	168.22) , .	40.75		₹ 7.
1.300	64.30	504.67	o ∧ o •	50.00	-63.473	061.	0.0		¥6.34
7.400	00.00	, 57. 45.	707.	26.06	V61.47-	171.	07.11		9
1.100	60.09	488.47	755.	10.05	-64.004	o 7 7 •	46.15		£ () .
000.	V	569.57	000.	٧٥.٥٢	440,62	•	υו0•		3000
705.	54.56	585.02	0/2.	10.10	155.07-	27.2	30.05		127.
. 800	> > 6	CBC*/ >=	2.	23.71	914.17.	000	20.02		200
007.	50.83	-68.110	012.	26.50	179.07-	2	13.11		170
009.	50.69	420.0c-	001.	U. 40	440.47·	200.	72.67		0 : > :
000.	54.14	190.10	001.	.03	, 51. 384	000			1 1
004	0.00	107	071.	*C*C*	0.1.00		00.01		<u>ان</u> او د او
000	00.	024.00	040	20.04	100.00	000			• ·
200		200					1		2
9 5				7.		•	: {		6
	7	1 3		\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \	1	3 7 3 7			0.03
0000	-24.00	784°C-	2000	-<1.13-		200.0	40.07-	-5	0000
(F.K.)	(010)	(60)	(w L)	(527)	143,480		2000		
af Loa1	THASE	E			(pa)	(£ 4)			2
		2	at Ical	PHASE.	ARA (500)	I I CT)	7747	r i	I CHI
			(DB)	1094) 101, 584, 101, 104, 101, 101, 101, 101, 101, 10	######################################	7, 7, 7, 7, 7, 7, 7, 7, 7, 7, 7, 7, 7, 7	(104) (104	1050 1070	1001

Table 82. Vertical Electric Field (Ice), Frequency = 10.0 MHz, VED Height = 44.95 m

INRANGE	1	PHASE	(DEG)	-14.98	68.35	77.14	72.88	73.45	73.79	74.03	14.20	74.32	74.47	17.	10.77	DO - 1			0.1		***	99.4	7	54.47	\$	75.02	75.05	75.03	75.12	75.15	75.18	75.22	15.25	15.28	75.32	;	60.00	20.00	200	11.0	00.0	20.07	74.01	77.55	000	74.47	78.73	79.17	19.65
100.0 KM COUNRANGE		Į	9	-58.708	-40.197	-34.243	-30.752	-24.278	-26,364	-44.405	024.52-	-66.354	7.7.	190.07	44.9	100.4	000000	007.01	7,000	200.	20001	560.01	00.01	021-51-	-14./02	-14.305	-13.929	-13.571	-13.229	-12.903	-14.341	-12.292	-12.005	-11.730	-11.465		002.01	000.7	****	1000	0000		100	3.1.4	706	774	-4.227	-3.996	-3.797
		1011	ž.	000.0	.100	907.	000.	004.	.500	009.	. 700	200	004	1.000	1 - 1 00		30	200		200.1	200	001		006.	000.7	2.100	2.200	2.300	00**	2.500	2.600	2.700	00æ•2	006.2	000.5	9	000:	000	000	000	000	004	2000	2.500	000	005.8	0000.6	9.500	10.000
WNKANGE	1	¥ :	3 .	07.57	53.49	65.44	61.63	14.69	10.04	71.40	71.45	74.36	76.69	74.95	7.50	16.76	200	2000	4 4 7	2 4 4 6	20.0	76.07			77.		14.30	24.47	73.3	14.54	74.00	7**06	7.		28	10.41		49.42	0 1	20.07	20.00	70.70	77.03	77.39	77.76	70.16	78.59	77.04	17.53
30+0 KM UDENKANG	7	E :	(90)	1/2.0	74.04.7	24.16	10/00-	165.82	146.350	24.800	-63.498	-46.365	-41.365	-40.478	17.676	2 2 2 1	717	7 7 7	440 ~ 1	100	14.1.41		100.11		02/	77.	196.01	V80.04	042.51	226.21	019*74	116.31	77.6	, , , , , , , , , , , , , , , , , , ,	****	200	730	K 44 . H	-7 7:	7.0.7	- P. F. F. 7	786.4	15.546	-5.156	-4. K)	015.4-	-4.245	-4.014	4.8.c.
-7	Î		£ :	000	0 0 0	000	060	071.	707.	001.	012.	047.	0/2.	000.	050.	ğ	7	7	1	30	3		2 7	2	2 4	0.00	000))	02.	00.7	00.	0.10	2 2		•	0.00		1.150	204	200	1.000	24.4	2.100	4.450	0000	4.50	2.700	0<0.5	3.600
ENKANGE	, ,		0 0	10.4	05.50		00.70	28.07	01.80	04.03	10.50	00.01	01.15	98.30	51.40	.0	7	23.07	70-07	71.11	25	79.17	10.17		7	13.7	00.00	17.7	00.7	10.77		00.5	2	2007		1 1. 30	14.71	74.65	70.47	72.30	75.14	76.11	76.47	70.09	77.31	77.14	78.00	78.68	74.10
10.0 KM UCENKANG	1	1	100	2000	064.001	1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	061.00	106 17	- 40° 40¢	-64.1.4	-63.443	-66,335	-<1.350	160.400	-17.087	106.01-	-18.300	199.11-	-1/11/	-16.586	-16.048	020.61-	6/1.51-	-14.76	-14.30	7	36666	170.0	7 4 7 7 7 4	10.40	100	16.337	172	3.5.1.1		V 46 . 0 4 -	U 55 . Y =	145.01	-1.753	-7.107	46.534	750.0-	-5.547	-5.207	-4. db.	-4.560	-4.245	-4.063	13,863
	1007	¥ 4	100	2 2		310	0 1	2	000	999	2,0	000.	3.70	004.	77.	071.	Utl.	7	061.	20	071.	701.	061.	20.	017	3	3 1	201		200	177	200	3	200		UCE.	201	004.	005.	JCC.	. 600	050.	00%	u47.	J D D D	450	227.	30.7	000.
UORNKANGE	12457	(2) (2)	7 2 7 1 4		// //	4 4); *	3	31.67	47.40	40.11	44.65	10.10	54.40	55.78	51.36	20.00	10.40	50.00	61.19	\$C.30	02.00	15.50	64.50	50.04	14.00		3	1 100	6/.10	, ,	100/0	60.14	7,00		64.65	10.63	71.40	14.10	16.04	73.45	74.03	14.54	<1.6	15.70	76.25	10.07	50.	
3.0 NM UO	ŗ	(67)	50.545	->80	404.75	-20.00.1	25.00	2 1 1 1 1 1	24.100	001.7	026.22-	740.17-	K20.02-	-20.07/	-17.017	-10.731	-10.100	-1/.500	-1/.067	-16.530	-10.054	-12.014	-15.17J	-14.19.	-14.416	-14.044	-13.703	-13,376	ממינין -	-14.72	*(*,)	-14.17	-11.710	14001-		-10.404	17.470	9.0.0	-7.916	-7.603	10,01	-0.5.0-	-5.104	c/r.c-	160.6-	19104-	101	477.4	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
																									.053											.105	.120	.135	.150	.165	.190	• 1 95	.<10	• 255	0.5	. 255	.270	582.	000.

Table 83. Vertical Electric Field (Ice), Frequency : 100,0 MHz, VED Height = 0,00 m

30.0 KM JUBNKANGE	MP FHASE																														_															200 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
X 0 - 0 E	Ą	3	, CO. J.	200	, ,	0.04-	-38.	30.0	3.66-	1.45-	-33.	-36.6	4.16-	-30.7	3.05-	1.42-	2.07-	-63.3	-41.0	-67.3	-cp.0	-cp.	-46.0	-62.0	145.	۲۰۰۶	0.47	-24.303	2.5	-43.100	463.4	-63.1		-61.916	P.U.7-	7.7	1.4.	4.01-		-17.7	-12.7	77.7	7.7.7	11011	110000	-17.758 -17.167 -16.028 -16.133 -15.254
	והם] שר	ŝ K) () () (2 2	200	0.4.4	150	180	.<10	047.	073.	0000	066.	995.	085.	^ 4 50	J.	084.	014.	044.	u/c.	000.	06.30	000.) FQ.	.740	. 750	.780	200	3,0	0 Z D	000		1.050	1.200	1.350	1.500	1.650		2000	1.550	1.450	1.450 2.100 2.250	2 - 1 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 -	2000 2000 2000 2000 2000 2000 2000 200	
'NH A COL	JA SE	(010)	10 A . C	3		74.1-	55.41-	-1.12	5	1.1	1./	14	1.00	cç	14.	14.	1 2 4 4	7.1.	••3⊬	÷.	16.94	34	31	. k3	٠. ٢٥	27	₹:	٠. د	1.74	23	26	12		x	• 15		~1		-	0.7)	200	7 X X X 3 0 3	7.5050	7 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	7557
ייים אא בטימאא עני	A 7	(60)	/10.0/-	100	466.7	50.01	-36.170	-10.000	142.00-	134.154	-33.15¢	106.257	554.15-	-20.718	120.040	-17.463	244.07	-ca.30c	108./2-	-41.36t		160.453	140.031	-45.665	-c >. 30 ·	-64.955	779.47	-64.303	163.440	-63.700	-63.414	-c 3• 1 4 5	:	216.13-	260.02	「すか。 グ 1-	161.41-	205-81-	-17.75		191.11-	147.167	147.167	147.167	111111111111111111111111111111111111111	15.677
-	100 10	; :)))	•	20.0	3		363.	0,00	000		001.	011.	177.	201.) ; ·	0 A 4 •	001.	011.	66¶•) -	000.	0 T J +	022·	٠٤ ٢٠	7	nc 2 •	. c. y.	0/2.	000.	063.) 1		050.	5 3	J	000.	040.	2000		050.	050.	37.	0000		
10°	1 7	(54.6)	00.00	1	۲۰۰	50.00	1.1	.6.5-	-3.13	51.7-	51.7-	01.7-	-1.4/	-1.00	ec • I -	£0.1.	7	-1.50	c2:1-	-1.1.	11.1-	5.1	,,,	; ;	5 P 4 C	30.	71.	() · i		7,10	> ·	ò.		00.1	1	7:1	٠٠٠/		7.1		13	13:-	7.67	7.67	77777	777777
30, 11 mm 30, 20 mm 1, e.g.	1	(60)	V00.00-	77.11	101.71	110.045	-76.]++	145.00-	-35,610	111.10-	-73.144	-36,436-	2++010-	-10.00-	1+0.06-	K17.K71	2.0.02	-60,303	261.12	-61.36*	-(0.070	264.42-		100.00-	205.62-	-64.424	174.17	-64.306	C 4 4 4 7 -	-63.101	114.62-	**! *c>=		214.17-	958.07-	117.41	161.61-	14.400	10/1/1-		/01-/1-	-17.10/	-17.10/	10.000	110.000	-17.107 -10.064 -10.133 -15.077 -15.654
	וויטן זר	ž.	000	2 2 2		>10	C10.	610.	170.	\$ 20.	120.	000.	£ £ 0 •	350.	¥50.	740.	. 047	1 2	100.	• C D •	166.	• • • •	2000	900.	NO.	2/0.	٥,٠	٥,١	₹ 0	103. 103.	000	•		001.	21.	د د ۱.	· 100	CQ7.	. 1 00		₹.	241.	c77.	27 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7		₹ 1 0 1 0 1 0 1 0 0 0 0 0 0 0 0 0 0 0 0
111111111	1	0 10	70.00		-6113	C7.01-	-13.ce	-1.0.1-	14.34	37.0-	-1.63	12.40	12.6	10.00	54.4	1.00	17.63	36.45	77.5	24.51	27.5	17.51	56.3	٦٠ ٠ ٩٠	/	10.04	16.43	- 6.33	50.5	17.7	96.7	•	;	00.	74.1.	17.1	,	- 2.	0.		* '	*/*-		* 200	* V 0 3 0 -	720000
3 1 2 3 4 4	ì		0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	77/03/	776.14-	23.46.	-31.761	-30.430	- 12.165	-34.056	- 10.0/0	16.4.70	201144	-70.00-	131.16	045.401	310.07-	100.07	0// 1/	220.12.	304.07	104.00	373.37	60.62-	163.67.	111	212.	0.63.40	100.001	5,00	011.00	0710	1	104.10	100.00	077.7.	. 71.41.	00000	95/1/		001./	-1/-100	-17.100 -10.007 -10.130	10.06/	110.06/	10.001
!	* Holl :	~		• W	7	300		2						-u										77.				07.	, ,	0 C	5	2	ü	ر د د	3 (3)											0 1 0 1 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2

Table 84. Vertical Electric Field (Ice), Frequency = 100.0 MHz, VED Height = 2.25 m

10	30144		20 58 20	10.47.4		3 W W W W W W W W W W W W W W W W W W W	15/14 15/5/		BOAR DOBNARANCE	PENKANGE
77% - 000%	;			;			!			
77% C				7			100	1 2	1	1145
	;		V01.50.	.07.7-	2		1919	000-0	(50)	20.00
######################################	٠.		564.41.	10.1		-	12.65	050.	0/101	20.00
######################################	-		. 37. 36.	, o •			20.00	000.	794.45-	24.00
	. ·		776.00.	04.10	3 7 2 .		24.40	D #) •	264.02-	01.10
			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	, ,) i		20.0	071.	33.500	V
	, ,		V 1 7 4 1 C	, \(\frac{1}{2}\)	, 2		- 1 - 1 - 1 - 1	201	>	70.70
770.60 770.60	177.		50/ -2	51.15			3.14	•	717.00-	27.10
	*27.		615413	12.00	, 1		57.00	0.7	5/6-12-	2
100 100	, , , ,		c10.33.	¥0.40	141.	-	55.10	0/2.	-60.374	20.10
0	2000	•	#00.00°	04.0	70.4.	-	61.40	7000	165.621	CD. 10
\$20.00 000	. 33	•	C 42 4 5 3 4	2) 10	011.		15.14	055.	-64.876	61.07
0/2, 0/2,	35.00	•	1	57.66	> · · ·		56.10	nor.	-24.143	01.40
720.62	٠. ن	•	174.60	500	>C .	-	14.14	27.7.	0/4.67-	01.16
1000 1000	7+	•	250.02	\$0.00 \$0.00	0 1 1 .		5010	224.	-46.37-	24.10
CEL 11	•	•	610.00	¥	>C .		64.65	04.	-46.673	54.10
111.02-0 01.0. 0	D +	•	141.12	21.00			49.14	064.	-c1.135	04.10
	4 - 1 -	•	-61.63.	₹ 1.	67.		11.16	015.	-41.431	01.40
	1000	•	6-11-5	00	7 (7 *		22.10	U+C.	-40.758	V
100 1	``·	•	· · · · · · · · ·	/ · · · · · ·	7.7.		11.11	0/4.	-20.311	40.20
######################################	ê	•	140.41	£0.15	: 4.3.		⊃r••	000.	¥000.	54.00
### 1			54444	: · · · · · · · · · · · · · · · · · · ·	610.		20.10	060.	V64.41-	67.03
101-001-001-001-001-001-001-001-001-001	0.0	•	` ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' '	¢1•15	000.		CB • 1 0	200.	-14.108	\$0.00
######################################	K	•	50,	17.14	. n 3 c		24.67	70.	-10.745	00.20
15-16 15-1	3, 1	•	- 27 - 04		(1,00		****	. 120	-1 a. 344	10.20
		. 1	2.0	20.10	• (25		14.14	06/	14.050	64.00
		'	0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	7	00.34		F	06.	10001	10.70
######################################		•					C 6	010.	***	11.20
######################################		•	1000	71.17			1) : 	561.11-	21.20
250.21	36.4	•	213.1.	30.00	, ,		1110) i		
100 100							,			7
100 100	•	'	15. 374	/6.19	. oco.	15.08/	¥1.00		- 15. 483	à
	V 2 1 .	٠	100.41-	20.17) ;	⊃ ₹€. • • • •	41.50	1.500	257 - 511	
200.51- 000.1	Cf. 1.	•	12.434	61.30	964.	13.436	76. Zt	1.350	-13.450	16.50
100 1	001.	•	1/4.31.	£ 6 . U.Y	220.	-14.000	56.30	1.500	-14.55	67.40
	591.	•	7/6.11.	62.23	VCC.	C44.1.	44.70	1.650	206.11-	06.50
	0	•	111.347	56.37	334.	040.11	04.54	1.000	-11.330	74.74
102.01	C41.	•	10/101	10.20	vcc.	-11.170	21.50	1.350	-10.776	20.70
250.84	J 1 2 .	1	11.0675	56.50	. (00)	442.01	1, C . A.t.	001.7	-10.01-	3
100 - 100 -	(2)		211.11	10.00	, (1)	11.80/	64.44	27.	7	
770.50	47.		246.44	16.32	200	J. 580	3 - 0 - 0	204.7	***	,
270.84 000.5 24.64 420.00 000.1 16.17 601.01 00.47 16.17 16.	.63.		7.00	33.14	000.	100.	13.30	טירי. טירעי	27	
270.44 000.5 140.64 226.00 000.1 80.10 10.10	7, 3.		6 60.00	1, 1, 31		10.0.0	93.45	6.700	13.044	64.51
220 SE 000 1 14 FG 420 00 000 1 60 00 00 00	.002		-6.36	t	5CK.	20.366	10.00	4.000	-0.340	63.08
	300		.61.4	F.C	773.	, 21·0	74.40	3.000	-5.044	63.86

Table 85. Vertical Electric Field (Ice), Frequency = 100,0 MHz, VED Height = 4.50 m

10.1	ì	1	î	2	1	1	1	1
	i.	30	101	E.	100	ב ב ב	E	40.4
£ ((UFG)	ž Ž	(na)	()tc)	٤ ٧)	(B)	(UEG)
000.	ĭ	10.00	2000	-37.396	10001	0000	CCC. /**	-141.43
0.0		74.56	001.	-31.665	40.00	200.	-47.423	77.07
.060	ĩ	£6.44	207.	-31.135	34.00	000	744./**	77.07
060.		44.00	000.	CU0.76-	14.00)))	147.560	77.00
.120			304	5/00/5-	25.00	00/-1	47.0.7	70.83
150		7	r	247	,	305	734	4
180	27.50	3		-			442	46
1		,						200
•		0		- 20.00-	0.00	7010	100./11	10.44
2		71.47	300.	-30.100	00.	7.4400	704.74.	75.48
• < 70		74.4	00 A.	-30.667	10.00	7.100	296./1-	74.74
300		44.10	1.000	106.50-	00.00	3.000	160.031	74.31
330		16.46	1.100	-36.316	00.00	3.300	140.040	73.61
360		4.65	70701	****	10.00	3.640	451.154	72.82
390		74.	0.00	4 LC - 01 -	7 4 . X E	7	2 7 27	7
027		3	4		, ,	1		17.
4.50		2	1111		, ,		1	2
1 0		•	•	0000	03.4		10.000	C***O
00.		77.76	- C	100.100	3.50	1.000	1,6,37	60.62
015.		75.87	1.100	-70.001	10.00	2.100	74.04.	19./9
.540		17.06	000.1	-35.8/1	13.66	204.0	144.81-	60.33
.570		¥0.0¥	コント・コ	174.05-	19.//	5.100	C14.0+-	07.40
009.		45.40	2.000	110.45-	11.30	2000	174.631	63.51
.630		73.36	70107	157.000	£ .0/	4.300	404.441	00.14
.660		71.56	3000		7	2 4	4 1 4 1	
0		,	2 3 4					
			9	7	00.0	000	•	0.00
9 1		76.35	200	707.66-	دی.ر.	•	1 2 2 2 2 1	50.75
00.		10.26	Z • U • Z	127.34/	40.11	, oc.	1 t d . t t	55.24
180		24.40	2.00.0	114.46-	00.4/	00001	C65.6	53.48
910	-57.014	47.74	6.760	5/4.60-	13.30	201.0	CE5.8*-	51.63
040	-24.000	20.04	0000	-17.533	10.01	200	26.203	47.75
870	-27.163	71.014	008.0	140.47	11.37	``	140.170	47.47
006.	-24.630	71.00	3	134.04.	,	30.7	- t - 1 - 1 - 1	
					•			.
057	-24.612	70.36	200.2	-37.331	17.00	16.500	216.14-	30.54
1.200		21.00	7000	20001	cc.10	16.000	186.00-	27.42
.350		20.17	3000	0000	55.75	13.500	-45.77	7,00
909.		15.10	3.000	104.4:	1, 1	22.7	/ / >	4
1.50	-34.072	37.10	270.0	124.50	7	377.4	77.	7 1
102.		(0,0)	200	-13466	7		4	,
1,956		11.07		7				
100	•				•	2		
				101.00	7.0	21112	77.60-	D.
000	•	7:00	3300.	71111	77.17	016.33	-30.10c	, U.
3		26.36	777	11000	11.15	252.47	-21.173	-4.36
,550	-36.410	25.61	W-5-0	-32.00-	10.61	() 6 ()	130.00-	14.5
) 		11,41						
			٠,٠	, , , , , , ,		2 / • b v c	-35.364	1
95.0)) (7 7 7 4 1 1 1 1		6 / • b v v	-33.304	E 7 . 7 . 1

Table 86. Radial Electric Field (Ice), Frequency = 0.1 MHz, VED Height = 0.00 m

2 1	STATE OF THE STATE) 2 2 2 2 2 2 2 2 2	JOSEPH 11.0F		TOTAL DOUBLE STATES	30243470		BOLD AM CORNERING	BNEANGE
Float (4.8)	1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	11013	1	75.1	ב ני	A	30.40	ne lonT		FIASE
	10,01	1 3 3		(5) P()	7		(050)	(m 4)		(DEG)
136.6/4	70.67	2000		75.5) :) :) :		58.41-	20.0	-68.23	-14.80
-34.35	70.04	000		54.50			71.7	2		10.72
	23.66	P 3 3 *	-36.696	01.00	, ,		70.07	3		7
116.13-	10.00	210.		24.56			73.45	077°		05.4
76707	10.10	010		50.01	JCJ.		13.80	nc T .		74.71
0 2 4 7	0	2		77.7	000.		24.03	190		14.73
10100	77.			. 1. 75	(1)	-43,484	7** 60	012.		14.85
136.30-	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	* * *		16.31	000	-66.346	/** 33	34%		14.87
0,7	c/•/o	, , , ,		,0°.	. 6 40	-610347	74.43	07 2.		66.47
4.5.	70.00	050.		(6.3)	004.	-40.457	74.56	000.		74.50
200.41	04.10	C C 7 .		13.11	.11.	143.050	14.53	055.		****
124.21	n	977.		دد ور /	.150	-18.925	7** 65	.360		/5.02
	(0.10	kg) •		15.51	4130	CC2.01.	74.70	365.		75.03
7 b 3 * / ! -	10.45	7.		13.04) t t •	-17.635	175	U24.		15.07
	10.36	U.13		13.10	151.	-1/.063	74.30	004.		30.00
110.014	11.16			13.61	.100	-10,560	74.75	00,		71.57
700.01	71.30	100.		15.31	27.1.	-10.020	74.88	014.		15.14
# 70 * n 7 -	100	• c u		V**.00	101.	-12-55	14.46	045		75.16
1,5.1/5	11.93	/c^•		11.1/	OF 1.	C11.C1-	55.47	U15.		75.18
00/14	16.03			14.26	000.	140.11-	4.45	0000		12.67
100 ** 1	12.51	700.		14.67	017	-14.301	70.02	060.		75.63
10000	16.35	602.		14.30	199.	-13.764	73.05	000.		15.65
F 30 - C 1 -	16.53	£60.		74.46	JE 3.	-13.365	10.07	0.00		15.28
-13.650	16.36	٠, ١٠		74.47	117.	-13.64-	72.15	. 720		15.30
104.31-	12.21	c/o.		10.34	162.	140.21L	12.15	. 750		75,33
102.71-	16.76	۵/٦.		/e•4/	· 65 c	746.580	73.18	.780		₹£.€7
\$ 20 . 27 .	۲۵.67	100.		10.1	0/20	127.71-	12.26	.010		75.30
-14.00/) ? • c ;	100.		7	003.	100 · 7 · _	13.25	0,0.		15.40
76/01/	13.61	(t) •		6.13	763.	-11.765	13.28	.670		13.43
-11.500	73.33)) •		14.36	000.	111.400	75.36	201.		75.46
. 40 1-	13.33	73	,	, /	;	- 17			:	:
646.44	12.01	21.	14.14	15.51		27.7.4	74.67	0 1	70000	10.07
F0. 10 A	12.00	CE 1.	054.00	ور در/		, ,	1	9 4		200
01/1/	10.01	1010	140.1-	70.07	2	1,4,7		000	7 7 4 6 1	74.0
101-1-	15.31	CQ1.	250.7-	, , ,			200		7000	91.07
-6.03+	12.13	00.	2000	15.30	2 2 2	100	- 4.4	200	0000	24.0
\$50.0E	70.16	047.	204.0-	10.01	0 0	1 2 2	10.0		1	10.02
340.6-	0	012.	140.0-	71.00	207	2,446	7.7	001	8 4 4	77.7
20200	10.31	677*	761.6-	16.71	00/	25.144	17.54	0.00	7	7.7.
1001	,,,	7.43.	1000.11	11.14		14.740	05.76	004.	-4.785	
366.4-	11.16	ςc)•	905.30	14.14	,63.	14.480	10.23	2.50	£ 64.4-	78.43
763.		1/2.	147.4-	10.51	30%	-*.663	78.71	2.700	812.4-	76.75
F00.1	74.35	663.	310.41	14.00	564.	-J. 99c	79.15	2.050	~ D. 48 ~	74.13
*10.5	(1.1)	, 300	3.641	14.50	2021	-3.745	73.62	3.000	-3.768	79.66

Table 87. Radial Electric Field (Ice), Frequency = 0.1 MHz, VED Height = 2247.60 m

	Ē								
		ì	J. 1. 1	1	1	÷	: 1	1	44.4
	_	(30)	1010	÷	7	-	: :	(4.1)	(5.10)
	ı.s	-23116	12000-	3	36.34	1 1	3	105.7.	13.45
		-23.643	-1/1-	, ,	217.66-	12.761		104.71	
	. >	100.00 /=	C * C / T -	. 2 4	11.00-	101.3	٠ ، د د	166.35-	10101
	ں	-33.000	13.611-	20.	1 + 7 *	:	326.	100.71	120.43
	c	-63.460	11.411-	1,1	C13.CC-	70.00	1.600	3/0.3	12.201
	0	364.00-	60.611-	1000	-33.65-	12.00	1.500	147.22-	12001
	O	د	-1/2001	` ·	1.3.1.0	17.4 . 1.3	30 L+ T	215.21	15-1-1
	ن	112057-	51.011-	337.	524476-	15/01	771.0	4/4.7	14 74 47
	٠,	150.65-	1	55	014400-	151.10	2000	116.440	14.5
	0	-63.143	-11011-	راد ر.	175.50-	10.101	00100	170.54-	140.41
	0	745.62-	11/0-13	000-1	C 6 2 . 6	131.16	200.5	100.011	143.35
	10	210.52-	C3*C/T-	1.1.4		107.37	3.340	151.57	14/017
	ب	3+6 +7 7-	67,47,77		-11.00-	1.1.40	3.000	-13.615	140.40
	ر.	020.02	-11.00	1.300	100.000	13/01	3.700	113.611	140.07
	Ö	170000	=1(2+32	301.	133.163	10./41	2000	-4 J. 33t.	140+14
	٠,	274.143	12.0/1-	1.60	. 3. 34	17.00	337.4	146.6.	~ 7 • + + 1
	Ö	113.47.	F7.007.	730.4	210.000	40000	000.1	744.0	143.00
	Ċ		J. 6/1.	7.00	641.46.	7 1 . 1 7 7	5.143	191161	1.1.1
	ڊ	100000) ·	-34.546	135.03	0.4.0	173.367	7.01
	÷	J 1 1 1	*****	- 26 - 1	043.40	100.	3.100	745.54	133000
	\supset	-7		•	C 36 + 50 -	177.07	33.40	.000.5	13/01
	^	660.000			16.4.40.	170.03		100.0	15001
	O	263.47.	07.0/1-	335.	010.10.	101.1		010.01	134.13
	.2	771.57-		124 .	V. C. +C-	10 1. /4	306.	110.01	1.3.14
	٠.			3 .	10 3 100	175.63	1.7.	140.01	1,100
	پ	(1).1	7	00/2	- 34 . 16".	13/10/	1.70	215.5	103000
	c)	-72.466	5011.	35.50	-7411	10/010	1.600	25.0.0	16/00
	Ö			301.0	0 4 5 1 0 1	121.47	3344	101.	1/0010
	,	1/200/1	C / 1 -	,	101.101		, ,	7.	17.15
	÷	311007	11	: 7 .	400 + 101	47.	201.	0 # C # C # L	7.0.1
	5	222.62-	// • c / T =) - -) (;))	ຳ	1.0.1
	~2		.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	•		70.00		150.00	•
	٠.	1 1 2 1 2 1		•	,		1		
	٠,	001.0	11,100.	•				***	
	Ç,	V 7.5 * +		•		11. 11.	1.1.	>	1
	٠,	2.6.1.2.	, ,		170 . 01				•
	4	-11.1	1/1	•	: 1:51				1
	(_	220-17-	1.00/1	•					11.
######################################		011111	37. /1	1.500					13.4.
34406 103606 4 60406			, . ,	, , , ,			7.00		13.11
100 100		3 7 * 6 1	7.96.1	•		•	1 4 7	Thu . Je _	16.21
Suppose control of the control of th		1	1 201	.•	• • • • • • • • • • • • • • • • • • • •	•	:	19/10-	/ * * * /
こうしんはのきのでし コンド・ストー・スト・ストー・ またいき のもし アント・コンド しんしき こせい こくりきのもち	٠ ر.	'	•	•	1.1.1	•	6.1.) 1 2 1	17.01
		•		•	: :	•		ラムカ・ファレ	11.01

Table 88. Radial Electric Field (Ice), Frequency = 0.1 MHz, VED Height = 4495.20 m

	WHIST CHEN					1024 X 28 00 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2024		304-0 KM DOWNRANGE	CHNRANGE
(ub) (uc) (uk) (uk) (uk) (uc) (uc) (uc) (uc) (uc) (uc) (uc) (uc	(ub)	£ 16HT	A	rna St	HE LOH!	A	AHA	145	4	9
		(KM)	(P)	(0)	E Y	(00)	(1) (1)	1	į	
		00000	1 1 4 . 1 4 .	1, 1,	0.000	٦,	-			200
1011/2		030	18.10	-1/7.54	-	1 2 2			766.07	
1011/2		090	45.7.5	* 1 - / / -		1	100		* C C C C C C C C C C C C C C C C C C C	5
1011/2					9 :	0000	0	000	27.165	173.39
101.77	1001-1 1			7.7	•	201.02	100.30	00%	561.75	173.35
1001.72			F 7 . 5 . 5	26.021-	201.	-48.100	-166.23	1.500	-37.26	173.2
1001,72		3	_	-140.00	2000	-60.636	-160.62	1.500	-37,332	173.04
101,77		.180	7.46	140.40	2000	-60.634	-168.18	000	-17.402	177.70
		017.	-14.474	-160.15	207	768.367			? ?	
		2240	-14.530	3		40.1				
		270	\ X \		•	000	61.001	200	242	176.03
			4 7 4	10.0	•	900.02-	100.10	70/00	-37.616	171.54
1011.7 1	1, 7, 7, 7, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,			95.621-	200.	115.07-	-164.40	3.000	-37.688	170.97
100 1	100.	055	17.000	-165.13	⇒ T • T	140.071	-103.60	3.300	-37.754	170.35
100 100	1000 1000	360	-17.74	-164.00	1.500	-40.743	-108.35	4	-37.828	1
1011.72	1000-10 1000	.390	17. //	-164.63	1000	-60.777	4,001		3	
101.72	1000-10 1000	. 420		-1/4.38	3040	17000	4			
101.75	10.00	.450	77.010	- 1 - 4 / -	135	1	7.	2 .	706.	0
101.72	1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	4.80	5				• • • • • • • • • • • • • • • • • • • •		20.05	1000
101.75	100 100			00.001	200	620.62	17.001.	200.4	180.85	165.85
101.72 102.73 102.73 102.73 102.73 102.73 103.73 1	100.00	0	0 0 0 0 0	50.571-	7.00	-6%-103	17.601-	2.100	138.140	164.7
100.00	100.00	3,50	-20.000	-163.35	2000	-64.186	104.34	004.4	3505.	16.3.4
100.0 20.00.	100 100	.570	-50.145	-163.14	1.500	102.67-	104.60	11.7.4	-18. 235	1
1011/3	100 100	009.	-20.400	-166.90	0007	44 47 /1	1 1 4		1	101
10 10 10 10 10 10 10 10	7.00 - 2.01.2. 1.01.2. 1.01.2. 1.01.2. 1.01.2. 1.01.2. 1.01.2. 1.02.2.	630	-20,000	64.771-	do l	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	2001	2	212.00	201
1011/3	7.50	.660	-24.430	11.//!				000.0	205.00	
100 100	1.00	0	17.	*****	0 0 0	1000	20.0011	0.00	176.363	157.80
	1000 1000	200	1	777	0000	24.290	00.0	C. V.C.	-16.334	156.19
1011/2	100 100			66.131	004.5	24.000	-1/1.6/	1.400	-36.335	154.53
100 101	1001	0 0	C 3C • 0 2=	40.121	7,500	15/062-	F0.771-	7.500	-38.365	154.80
	10 20 12	200	040.07-	-	7.000	-64.833	-176.14	7.000	-38.303	151
100,000 100,	100.00 1	9.	500	-121.61	201.2	-47.410	-1/6.64		1,00	
0.00 0.00	00.00000000000000000000000000000000000	040	21.12	-150.21	7.000	;		1	200	
100.00 1	100.000 100.	9.40	N	-150.14	3	· :	24.7.1		-	
101-12- 104-12- 124-	0.00.	000	70.00			1		0	_	9.01
	10 10 10 10 10 10 10 10	:		,	1	Ó	•))	0	3
101/12	0.050 -21.12 10.13 10.012 10.13									
	350 -21-01 -110-03 -21-10- 1/0-19 1/0	1.050	-21.661	-117.35	3.500	3	-	1000	-37.494	1 34. 11.2
100 100	10 10 10 10 10 10 10 10	002.1	-210015-	-110.63	2000	215.371	77.77		1 4 4	
		1.350	-26.063	51./11-	1000	30	,			77.7
		1.500	-20.00		1			20.0	+10.00	:
	10 10 10 10 10 10 10 10					3	00.70	70.00	134.364	111.75
	10.00 - 20.00 - 111.00 - 10.00	00:	116 177	21.0011-	000.0	256.16.	101.3/	16.500	J. 1. 130	10%16
000.03 000.03 000.04 000.05 0	100 -24-174 -113-3/ 0-204 -204-666 144-09 14-204 14	0 1	3.4.62-		200	171.140	11.4661	70.10	-71.463	103.7
106 -29-1937 -116-19	100 -24:504 -116.04 (.000 -30.406 143.5) (.100 -20.	356.	-14.52-	15.611-	0.000	-30.00	147.03	17.500	130.854	101
	250 -251139 -11611 1 2100 -241601 13117 (61300 150) 250 -25170 -1111-1 12100 -24161 13160 (71300 150) 250 -25170 -1111-1 12100 -26171 13160 (71300 150) 250 -27170 -1111-1 12100 -26171 13160 (71300 150) 250 -26170 -1111-1 12100 -26170 13160 (71300 150) 250 -25170 -25170 -25170 -25170 -25170 (71300 150) 250 -25170 -25	2.100	-2537	-116.54	•	274.05-	10.544		V (X - X)	7
	-400 -25.775 -111.61	6.250	-25.133	-116.0	•	-63.001	111.		111	7 7
.556 -20.440 -111.37 -330 -20.550 131.57 -23.50 -61.151 - 7.550 -21.150 -111.43 -7.50 -21.410 12.55 -21.50 -21.410 -22.50 -21.50	1550 -20-440 -111.09 1.00 -20-00 131.01 6245	009.7	-(2.113	12.111.		3/17/1			373	
200 - 21.150 - 11.143 4.000 - 22.410 16.156 7.000 - 26.253 7.000 - 26.253 7.000 - 22.400 - 22	.766 - (1.150 - 111.43	055.2	-75.440	** * * 1 1 *	1,000			•		71.
070-07- 000-13 901/31 6+31/3+ 0.5-4 6/11/1 406-/2- 954-	. 56 -2(-704 -111-74 -15 0 -16 16 16 16 16 16 16 16 16 16 16 16 16 1	007.0	051.17	1	2 2	2000		· .	101	0
K 970*03 300*03 60*131 673*131 6 71.	1363 -20.681 -116.57 1100 -66.607 167.53 0000	100	\$1K -) / -	, , , , ,	. ,	A	26 1 21	200	626.33	1
	001400 51401 000400 000401 104041 400400 0				1	6 . 7	50./91	3000	165.600	40.00

Table 89, Radial Electric Field (Ice), Frequency = 1.0 MHz, VED Height = 0.00 m

1000 1000		3			107 XX2800 EX 0101	307 4 4 2 4		E			1014 CT 101 CT 10	
1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	ŗ) 1	72,171	16 1041	į	73.47	14 103	AMA	PHASE	HE I UMT	AMP	PHASE
	?	(00)	(510)	(E	(00)	(1)(0)	(x v)	(PA)	(OFC)	(F.A.)	(90)	(C.F.
10.0000 10.0	3	-60.000	-20.00-	3000	1,00,000	1.0.1	0.00	148,000	-120.26	00000	-54.465	P.07
100.000 100.	5	112.22-	10000	040.	170.06-	13.57	ved.	120.81-	90.13	001.	-58.531	8.00
	9	-20.010	10.501	770.	-30.636	73.4D	000.	-48.137	60.06	002.	-54.546	3,00
100.00	Ġ	-20.133	1000	2000	101.00-	43.10	343.	202.00-	44.35	300	-54.660	4.78
10	2	~ 12 · 0 ? -	103.30	3 to .	-35.765	73.60	271.	-,0.200	40.00	004.	-58, 723	87.
	5	700.02-	103.501	300	-36.036	9.3.10	051.	*** 334	47.66	005.	-58.782	65.
	æ	* 76 · 27-	103-17		070.071	43.01	つんべ・	VV2 . 0 . 1	80.B>	009.	-28.834	40
1,	17	-2c. voc	103.03	0/0.	-36.35-	76.03	017.	-40.463	84.36	907.	-58.879	62.
1,000, 1	3	F + 0 + F 2 -	26.201	000	360.46-	76.53	0.7.	126.8	01.19	000	-56.911	œ.
1,000	۲2.	111062-	106.00	٠٢٦٠	-34.046	76.40	0/20	146.567	77.78	004.	-54.95	9
100.00	30	4/10634	106.14	304.	-34.166	37.36	2000	240.0	10.05	1.000	-58.423	76.6
	33	162.65-	105.61	211.	-37.660	41.00	050.	100.707	37.00	1.100	-54.896	7.6.
Colored Colo	.36	178.64-	100.01	27.	オアン・アワー	*C*1*	195.	-40.70	040	1.400	-58.840	7
1000 10	+ ,	-24.30+	106.36	061.	* c5. * c5.	71.60	or 5 •	10.01-	27.50	1.300	-58.753	90
10, 10, 10, 10, 10, 10, 10, 10, 10, 10,	7	174.67-	106.15	71.	524.45-	₹0.0¢	17 to	140.800	94.56	00**1	-54.630	ç
100-10 1	ů,	74.44	44.101	161.	コアオ・ケワト	40.43	JC4.	3 T 7 . B 1 .	25.18	1.500	-58.470	62.
1011.00	0	CCC 7 -	101.36	201.	CCC. Y.	rr. ru	5 t 3 C	340.041	42.00	1.600		28.
104.16	<u>.</u>	-23.647	60101	2/1.	+10.40-	67.33	010.	113.9BC	10.07	1.700		55.
100.00	, t	630.43-	101.14	001.	-33.663	40.50	. 540	-4 7. 0UC	17.50	1.800		52
	500	-23.143	101.63	.140	-37.740	96.00	٠/ د.	-14.003	10.14	1.900		, T
1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	. 60	-27.013	70.101	^n y•	102.46-	01.10	.000	750.54-	10.01	000.2		•
10.000	:63	110.67-	6/ 000.	.17.	-17.000	07,30	.630	19つ・アナー	10.67	2.100		φ,
1,000,00 1,000,00	3	344.46	100.00	022.	137.460	07.00	, ro	トーコ・チャー	71.35	2.200		*0*
0.000 0.00	o O	120.06-	100.36	UC 2.	154.451	11.00	. 630	\A	64.63	2.300		2
\$60,450, 000.50	210	-30.01C	100.00	77.	*****	C C.D	.163	104.01	04.10	7.400		35.
1,000, 1	. 75	156.15-	うひ・ゲゲ	162.	AA0.031	1/ **0	.750	148.410	00.04	2,500		32.
1	£ ,	-34.666	44.04	192.	-40.153	63.47	, 7au	14.850	F7.59	2.600	•	80.0
10 10 10 10 10 10 10 10	7	- 30.600	77.66	012.	*02.0**	63.13	9 T C	-48.783	64.31	2.700	-54.169	9,9
	300	200.05-	10.75	007.	562.0*-	86.35	30.	140.01	94.00	5.800	-53.715	26.62
00000 00000 00000 00000 00000 00000 000000	200	070-20-	10.04	.63.	140.300	40.15	0/0.	744.547	50.44	2.900	-53.260	7.
1010,02- 104.6 11.7 1.57.7 = 1.00.1 1.00.2	C)	104.06-	10.36	0000	0.344	åc.00	3000	100,000	56.56	3.000	-52.807	63
-31.1.1	50.	-34. '00	0.00	025.	-40.516	13.03	1.000	-47.723	47.16	3.500		16.
-31.71, 92.10, 92.10, 93.10, 9	654	-31.100	72.27	201		70.33	1.600	6.702	30.00	4.000		12.
-31./11 09.3/ 1.20 0.40.4.343 28.0.3 1.20 0.40.2. 20.97 2.20.03 5.000 443.547 -31.701 0.201 0.20.492 21.73 1.502 0.71.802 17.27 5.200 443.547 -32.702 0.201	135	-31041/	26.10	4640	166.04-	04.31	Jet.1	176.64	34047	4.500		3
-3.17%1 G0.31 -3.97%2 -3.10%1 -3.00% -3.10%1 -	153	-34./11	15.40	004.	-46.333	50.05	1.500	-44.274	55.63	2.000		
-3c-cc acst as a constant as a	541	-31.501	10.00	5000	766.45-	51.15	1.650	-43.024	20.97	5.500		'n
-3c3c3c3c3c3c3c3c.	150	-36.660	16.28	000	41C.YE-	45.73	1.5000	40B.1+-	17.27	000.9		•
-36.050 7.010 .700 -34.604 33.16 6.100 -34.546 11.44 7.000 -33.709 -36.605 7.401 7.500 7.30.709 7.500 7.401 7.500 7.30.709 7.500 7.401 7.500 7.401 7.500 7.401 7.500 7.401 7.500 7.401 7.501 7.6	135	-36.410	74.18	169.	138.940	40.15	064.1	140.047	14.33	6.500		ň
-3c.65c 70.91 (7.50 -37.576 30.67) (2.520 -38.506 10.08 7.500 -38.619 -35.600 10.08 7.500 -38.619 -35.600 10.08 7.500 -37.605 -36.601 60.49 600 -35.605 -36.601 7.55 84.600 -37.605 -36.601 7.25 84.500 -35.605 -36.601 7.25 84.500 -35.500 -36.601 -36.500 -36.500 10.50 60.5	017	-36.360	12.10	007.	-38.683	32.14	C.100	124.540	11.45	7.000		~
-3ccc1 60.47 .000 -36.642 26.40 -37.526 4.53 8.000 -37.605 -3.605	527	-34.656	16.01	٠/٠	-37.576	30.01	UC 2.2	-38.506	10.08	7.500		~
-3.c.o.3. 01.97 .co.3. 10.104 .co.3. 10.104 .co.3. 10.004 .co.3. 10.006 .do.3. 10.006 .do.3. 10.006 .do.3. 10.006 .do.3. 10.106 .do.3. 10.106 .do.3. 10.106 .co.3. 10.106 .do.3. 10.106	0 5 7	- 34.001		000.	-30.04	60.00	004.7	-37.52t	ø•53	000 P		=
-36.36 - 35.44 34.00 -35.361 60.57 6.70 -35.736 6.20 9.000 -35.771 -36.34 536 -36.94 34.936 -36.34	522	-36.037	24.10	900.	1.00.044	43.46	UC4.7	-16.603	7.25	8.500		-
-34.946 5.4.00 5.4.00 6.46 6.46 6.46 6.46.946 6.46.946 6.46.946	270	-36.366	37.0	303.	-35.361	75.02	Z.700	-35.73	n≥•q	000.6		•
	507	-36.340	33.00	300	-34.636	18.10	0000	100.17-	5.31	9.500		•

Table 90. Radial Electric Field (Ice), Frequency = 1.0 MHz, VED Height = 224.76 m

100 100	19:473800 2V 2.5			10.0 KM 004:XM	19 " A X " 40 H		2010 EN 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	361.441.46			
(160)	A CE	7247	72 [00]	YMA	10 to 1	it leaf	, F	PHASE	7€ Joн [AMP	PHASE
- 676,302	زو	(CF C)	1	(00)	(DE 0)	(MA)	(P)	(UEG)	(MY)	(90)	(DEG)
		147.74	200.0	-36.379	20.001-	0.000	741.650	14.00-	0000	-52.021	-96.31
		-1/0.54	010.	-36.441	101.38	000.	-41.715	124.96	.100	-52.086	152,59
		25.011-	020.	-3¢.50-	161.30	202.	1.780	154.87	.200	-54,152	152.24
		-175.5v	010.	-36.570	101.11	OF 0.	141.0460	154.70	000.	-54.217	151.64
	•	F1.0/1-	210.	-36.035	101.64	.160	775.11-	154.45	007.	-52.28U	150.79
1,000, 1		0,00/1-	960.	-36.700	101.15	201.	216.1	154.14	0000	-54.341	144.65
		-1/0.40	900.	-36.700	101.03	707.	140 · 74-	153.74	.600	-54.395	148.34
		FT 10.44	0/0.	-36.436	100.001	012.	111.7	153.621	.700	-52,441	140.72
		J. 18.50	000.	-36.033	100.16	710.		156.71	008.	-54.476	144.85
		-170.56	350.	-36.366	160.03	0/2	142.241	154.05	004.	-52.445	142.75
		-170.34	001.	450.05-	100.31	200	105.77-	151.37	1.000	164.25-	140.40
10 10 10 10 10 10 10 10		-1/0.57	3	-33.102	100.00	76.	246.300	150.57	1.100	-52.470	137.83
		11/0-4	יויי	-33.170	74.74	, <u>,</u>	12/21	147.70	1.200	314.70-	135.07
		-178-63	75.	77.	7.5	7	7.2.7.4.	140.74	1 100	25. 135	142.14
		-170.7	3	- 11. 40 7	5	, ,	7. 7. 7.	74.7	004-1	4-7-7-	100
		-1/0.70	30	13.376	10.44		11/11/11	140.57	1.500	195.041	7.5. 3.7
		70.07.	200	73444	150.4	3	124.74	140.45	0000	-21.466	1/2.63
		Y0.071-	0/1.	414.66.	20.00		000	144.07	1.700	-51.633	119.37
		15.021-	701	700.51-	25.751	3	974	146.71	1.800	-51.303	116.13
		53.77	38	15000	מחי/כו	2,0	177.74	141.25	003	7.40 1.4	2
	•	17.7.1	7.7	-13.718	150.01	2 2 2	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	13.7.	900	250	200.88
		37.67	21.	144,745	155.43		747.74	1 10 10	000	1000	700
		(1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1	2//	100000	14,55		14/1/41	1 45.5	001	1 4 7 1	100
		27.4.40	017	V V = 0.7 -	154.01	70	471.074	134.60	008.7	10.11.1	101-41
11 1 1 1 1 1 1 1 1		10.4/1-	247	-35.48.	154.63	2/	~74.	134,03	004.2	C* 1 *74	7
		1/46/11	367.	1 40 - 45 -	153.5/	3,4,	74.00	72.14.	2.500	70.23-	5.49
		12.7/-	747	11 - 11	127.07	2 /	1000	17. 60	0 2 4	1100	46.40
		10 11	2/ / .	7/1-11	C1 - 741		14 / 12	12/11	2.700	472.74	000
		20.7	250	1 2 6 7 1 1 1	20.0		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	123.57	201	7 7 7	1
		20.7	200	134.788	44.94	2	37.	12.3465	200	7	77.77
		10.6/1	227	240.40-	144.76	227.	-14.268	121.71	000.5	140.445	67.03
107.42 104.51 104.52 107.42 107											
	•	10.07	Ŝ	1	4	7	445	11.5.33		7 36 7	4
		10.00	1 1	100.10	1 2	000		20.01	000	167	20.00
		7.7		00.4		000	0000	00.01	000		200
	•	7, 00,1	00 :	101.45	10.51	1.350	1 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	10.01	0000	0 7	13.20
		7.0.07	001	200	00.73	0000	901.00	9	000.	101.00	51.17
		7/1/	000	346.46	00.121	1.00	70.00	20.00	000.0		70.60
		0	00.	166.55-	10.1	200.	197.00	11.28	000.		24.80
100 100		02.00	200	107.50-	10.4.01	1.30	109.45-	73.30	6.500		07.70
001.02. 001.00. 01.001. 01.0		166.73	207	100.00-	103. /8	C.100	-33.524	71.04	2000	-33,509	67.10
18+11- 008		124.10	36/.	-36.186	• T • T	7.650	-34.511	75.25	7.500		66.66
201.00. 008. 02.001 0.005- 201.00. 008. 41.041 13.445- 201.02. 008. 41.041 13.445- 201.42. 008. 41.041 13.445- 201.42. 13.44 13.445-		150.04	000	194.16-	77.54	204.7	195.16-	73.84	9°00		66,34
New	-	150.55	d)	-30.705	71.10	JCC.>	-30.670	16.76	9.500		66.12
101-12-1 101-1	•	145.79	004.	360.05-	44.44	2.700	-c4.83+	11.83	000.6		65.98
774 171 171 171 171 171 171	•	140.05	364.	646.42	44.00	7.850	740°571	74.13	4.500		65.90
0.0000 00000 000000 000000	-5%.00%	135.85	1.000	-60.675	34.10	3.000	-68.311	10.56	10.000	-28,173	65.86

Table 91. Radial Electric Field (Ice), Frequency = 1.0 MHz, VED Height = 449.52 m

Table 92. Radial Electric Field (Ice), Frequency = 10.0 MHz, VED Height = 0.00 m

Table 93. Radial Electric Field (Ice), Frequency = 10.0 MHz, VED Height = 22.48 m

CHECK CHEC	•											
(100) (100	ne 16HT	AM	PHASE	HE TOH	AMP	PHASE	ne Jon	Ą	PHASE	7E 10H	DMA	FHASE
	Ä	(00)	(utc)	(XX)	(PQ)	(056)	E E	90)	(UEG)	(£ K)	(90)	(UEG)
1	000000	-41.574	-66.18	00000	-51.437	94.00	2000	-01.454	-54.54	00000	-71.903	11.05
100 100	.003	-41.637	155.25	010.	-56.004	156.64	050.	*15°10-	151.44	.100	-11.466	150.76
	900.	-41.700	155.15	020.	-5¢-06B	152.53	.000	785.10-	150.40	005.	-74.003	₹2°/*7
	600	-41.768	154.47	0E n •	-56.133	151.12	27.3.	-01.637	147.07	000.	177.77	141.23
1,000 0.00	• 0 12	141.834	15** 71	040.	-24.196	151.00	.160	-61.673	146.50	701.	-71.006	133.63
1	.03	141.400	154.38	050.	-52.426	147.20	061.	+19.1a-	143.61	005.	-71.132	163.67
100 100	e (0 ·	141.300	153.75	200.	-54.310	148.58	. lac	-29.10-	13%.23	779.	-70.446	114.64
	.021	-4C.U32	153.44	070.	-22.356	146.46	.210	105.12-	134.66	. 700	F/0"FQ-	105.3
	•0.	146.030	156.73	200.	046.54-	145.05	047.	-61.288	167.56	000.	-67.134	y7.71
1	.027	741.74-	154.69	360.	F04.7C-	14.537	062.	-00.473	12**25	004.	-00.312	41.4
1	.030	C37.74-	151.56	991.	-56.400	140.01	200.	-00.55	110.66	1.000	-64.000	60.50
	.033	102.24-	150.76	011.	-56.383	138.03	055.	-00.00-	113.52	1.100	FF7.50-	46.35
### 100.00	036	-46.340	144.87	.140	Je. 330	435.661	200	127.416	100.42	1.400	-64.173	77.46
10, 10, 10, 10, 10, 10, 10, 10, 10, 10,	•039	704.75-	140.40	061.	->4.7.76-	132,31	365.	-58.73b	103.69	3.300	414.00-	70.4
100.01 1	250.	-46.454	147.84	0,1.	-54.126	149.66	074·	-28.004	44.31	204.1	-57.165	74.8
100.00	.045	-46.503	140.71	0<1.	-51.969	146.04	00.	-57.640	12.54	1.500	-20.60-	73.6
10.00	640	-44.546	145.49	191.	-21.14	144.17	. 4 60	126.466	40.24	1.600	-51.542	11.8
10.04 14.05 14.05 10.01 10.04 10.0	.051	-46.303	144.17	0/1.	795.16-	114,53	015.	-35.676	89.00	1.700	*20.53¥	10.
	• 054	-46.014	144.82	761.	-21.668	110.69	.140	169.40-	04.00	1.500	084.66-	57.40
139.46 139.66 140.01 100.01 1	.057	-46.037	141.36	041.	-50.96	113.12	0/5.	-54.169	10.12	7.400	100.45-	66.40
130 120	090	150.24-	127.61	902.	£50.0¢-	110.03	000.	476.66-	MC+ U3	7000	-53.833	568.
	.063	150.74-	130.64	012.	100.00-	10.701	050.	199.70-	50.63	2.100	-53.018	07.70
	990.	750.74-	130.50	022.	199.44-	104.64	000.	1.936	70.05	2.c0u	0.2.24-	67.6
12.00	690.	-44.030	134.86	36.30	147.437	101.57	7.9.	->1.24c	21.65	4.300	144.14-	60.73
12.45 112.27 .250 .242 49.70 .250 12.421 .250 .242 .	.072	400.24-	133.04	047.	160.64-	U2.KY	021.	a74.UC-	70.07	004.5	-50.706	000
1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	.075	-44.567	131.27	062.	140.544	30.10	267.	164.431	24.47	005.2	-20.104	0.00
	8. ú.	115.24-	14.621	1460	140.147	74.00	.700	C05.44-	17.76	<.b00	ナオオ・トオー	65.13
-444.37	.081	164.24-	161.56	0.230	-47.697	74.40	o 7 ₽ •	740.01	10.67	001.2	-49.020	65,47
	.084	-46.376	763.66	997.	-43.64	10.0%	o	-48.13	57.71	000.2	-40.214	65.6
11.74 112.74 1350 14.17	.087	-46.617	163.67	25.7.	146.044	70.10	o/a•	147.244	45.17	004.5	-41.630	65.00
112.25 10.20 1	060.	7/1.25-	121.74	005.	-40,343	87.¢0))	***	54.01	3.000	-47.056	9.
-41,444 116.25 .350 -44,137 40.77 11.030 -44,444 10.30 -42												
-30,444 103.66 4.400 -44,145 16.44 1.500 -46,344 1.300 -46,344 1.300 -38,101 1.300 -38,100 1.300 -38	• 105	-41.444	114.25	956.	-44.157	40.11	1.000	194.11	50.00	3.500	-44.513	01.0
-3%.cyu	.120	パカカ・コカー	103.66	004*	146.140	16.46	7.000	105.24	60.79	000.	-42.318	63.75
-30.051 90.53 .500 -36.050 11.26 1.500 -36.701 -30.030 05.22 05.00 -35.102 05.701 -35.030 05.22 05.00 -35.000 05.00 1.000 -35.701 -35.030 05.22 05.00 -35.000 05.00 1.000 -35.704 -36.040 17.06 05.00 -35.417 07.10 07.10 -35.300 -36.040 17.06 05.00 -35.417 07.10 05.10 -35.300 -36.040 17.06 05.00 -36.417 05.10 05.30 -36.040 17.06 05.00 05.00 05.00 05.00 -20.050 17.06 05.00 05.00 05.00 05.00 05.00 -20.050 17.06 05.00 05.00 05.00 05.00 05.00 -20.050 17.06 05.00 05.00 05.00 05.00 05.00 -20.050 17.06 05.00	•135	-37.46-	24.07	450	-40.3¢∪	17.51	2000	246.345	01.09	005.4		63.5
-30.034 85.07 5.50 -34.176 94.75 1.054 5.1717 -35.045 74.34 650 -34.504 07.00 1.030 1.05.75 -33.471 77.00 700 -35.401 05.10 7.10 7.3.394 -37.401 75.04 700 -34.401 05.10 7.10 7.3.394 -37.401 73.60 3.401 05.10 7.00 7.00 31.347 -31.401 73.60 -34.471 05.10 7.50 7.00 7.0.436 -24.73 71.63 490 -24.471 05.10 7.30.436 -20.45 71.63 490 -24.667 05.01 7.030 7.030	.150	-36.001	90.53	.500	-16.669	11.28	005.1	-28.701	62.43	2000		63.3
-35.635 64.22 66.00 -35.404 69.63 1.000 -25.794 -35.635 67.60 1.95.794 -35.407 7.30 -3.407 1.34.41 67.10 1.34.90 -34.541 7.00 1.34.41 7.00 1.34.41 7.00 1.34.41 7.00 1.34.41 7.00 1.34.41 7.00 1.34.41 7.00 1.34.41 7.00 1.34.41 7.00 1.34.41 7.00 1.34.41 7.00 1.34.41 7.00 1.34.41 7.00 1.34.41 7.00 1.34.41 7.00 1.34.41 7.00 1.34.41 7.00 1.34.41 7.00 1.34.41 7.00 1.34.41 7.00 1.00.40 7.00.40	.165	-30.030	45.47	000.	-31.17	c7.40	1.650	-37.17/	04.40	005.5		03,30
-34.47 7.44 .050 -34.50 07.80 1.4790 -34.547 77.18 .100 -34.547 77.18 .700 -34.417 07.18 .100 -34.341 77.18 .100 -34.421 05.18 .100 -34.421 77.18 .100 -34.421 05.18 .100 -34.421 77.18 .100 -34.471 05.19 .10.43 .100 -34.471 05.19 .10.43 .100 -34.471 05.19 .10.43 .100 -34.471 05.10 .10.43 .100 -34.471 05.10 .10.43 .100 -34.471 05.10 .10.43 .100 -34.471 05.10 .10.43 .100 -34.471 05.10 .10.43 .100 -34.471 05.10 .10.43 .100 -34.471 05.10 .10.43 .10.471 05.10 .10.43 .10.471 05.10	.180	-35.635	94.24	000	400.55-	64.63	1.000	125.744	14.09	000.0	-35.788	63.6
-34.421 77.08 700 -34.417 67.18 6.100 -34.390 -36.400 75.29 -26.329 -31.400 75.29 .400 -31.481 66.39 6.400 -31.487 -30.571 76.73 .450 -31.481 66.16 6.500 -31.487 -30.571 76.73 .450 -34.421 66.16 6.500 -31.487 -24.730 71.43 .400 -24.622 65.00 6.700 -24.386 -26.435 71.45 .450 -26.849 65.91 6.800 -28.782 -28.415 70.50 1.000 -28.086 65.87 3.000 -28.782	195	134.440	36.46	20,0	-34.263	04.40	064.1	745.46-	24.49	005.4		63,31
-34.404 75.24 .750 -34.300 06.74 6.250 -34.344 -31.347	.210	124.56-	17.08	. 7 00	-33.417	67.18	00102	385.50-	64.35	1.000		63.30
-31.46u 73.66 .800 -31.381 65.39 <.40u -31.34/ -30.431 7c.73 .85u -30.471 05.16 c.55u -30.436 -24.73 71.63 .90u -24.62 65.00 c.70u -24.566 -26.45c 71.1c .95u -26.869 65.91 c.85u -28.94c -28.215 70.56 1.000 -28.006 65.87 3.00u -28.048	.225	-34.464	15.27	150	-34.360	26.74	06202	-36.36-	64.29	7.500		63.43
-30.571 76.73 .654 -344.471 05.16 6.559 -30.435 -24.545 05.40 6.7104 -24.545 05.40 6.710 6.759 6.591 6.659 6.591 6.691 6.691 6.691 6.691 6.691 7.69.04 6.691 7.691 6.691 6.691 7.691 6.691	.240	-31.400	13.86	200.	195.16-	06.37	004.0	195.15-	64.27	9.000		53.5
-24,730 71.43 ,900 -24,662 05,00 6,700 74,580 -26,730 71.12 ,950 -26,869 65,91 6,800 76,068 70,80 70,8	.255	-36.571	74.73	300	124.35-	96.16	055.2	120.436	57.49	8.500	-30.423	03.04
-20.756 71.12 ,450 -26.046 65.41 6.050 -68.792 -20.615 70.56 1.000 -66.086 65.87 3.000 -68.048	.270	-27. /30	71.43	20%	-69.62	66,00	006.5	-cy.586	ct0	000.7		63.77
-28.c15 70.56 1.000 -28.086 65.87 3.000 -28.048	.285	-20.936	71.17	36%	420.07-	65.41	7.050	761.87	64.43	4.500		63.42
	.300	-50.615	70.56	000.1	-68.086	19.09	3.000	240.87_	45.49	10.000	٠	2.40

Table 94. Radial Electric Field (Ice), Frequency = 10.0 MHz, VED Height = 44.95 m

ME IGHT	Ą	PHASE	HE IGHT	A T	PHASE	HE I GHT	Ā	PHASE	HE LUMI	A	PHA SE
(KK)	(na)	(ote)	(K.K.)	(PP)	(UE 6)	(MM)	(Cd.	(UEG)	(F. A.)	(BQ)	(UEG)
00000	-36.501	-56.41	0.00	-40.747	-173.83	0000	-26.228	-34.4¢	000.0	-66.665	24.07
003	-36.565	174.69	010.	6.812	167.80	050.	-26.294	163.71	.100	-66.728	104.61
•006	-30.630	174.60	020.	-40.87B	101.44	.000	35¢.9c-	164.62	002.	-66.766	160.55
600	-30.07/	174.04	050.	140.244	100.04	3.43.	-20.414	104.79	006.	-60.704	154.58
015	-30.764	173.81	240.	400.64-	100.00	.140	-24.45c	160.23	004.	-66.453	146.53
015	-36,636	15.51	050.	720.24-	77.101	UC1.	-26.456	120.44	004.	-65.40C	137.17
018	-36.961	173.13	.060	421.14-	163.54	001.	404.96-	156.97	.000	-65.018	161.5
021	-36.970	174.67	070.	-47.11×	101.93	012.	-26.290	740.40	.700	-63,633	118.0
920	-37.040	174.14	090.	-47.218	100.01	047.	-30.084	14.3.36	.000	-64.509	110.45
150	-37.109	171.53	040.	742.14-	157.90	٠٤٧٠	-25.776	130.03	004.	-61.084	104.75
030	-37.176	170.84	201.		155.06	000.	def. de-	134.59	1.000	-54.665	7.7.
033	-31.645	170.07	.110	622.64-	40.54	455.	-24.830	121.23	1.100	154.240	75.43
036	-37.311	169.26	120		150.68	.360	425.44-	166.16	1.400	-56.455	76.70
•039	-37.310	166.29	051.		147.33	. 340	155.5-	117.38	1.300	**0.CC-	70.4
240	-31.431	161.27	0.1.0		17.51	1460	-><.84	113.06	004.1	210.44-	04.17
5 0 4 5	-37.495	10001	051.	•	C0.[+]	004.	190.56-	103.19	1.500	546.64-	36.00
	-37.546	164.43	097.	•	13/.00	o t a ·	-51.283	100.75	2000	-56.334	85.17
	-37.391	163.73	0,110	-46.434	134.56	010.	204.06-	104.73	707	-51.335	40.05
	-37.640	166.37	091.	•	131.21	.540	144.720	100001	1.000	150.304	03.11
.057	-37.6/6	160.96	261.	•	10001	.14.	794.81-	1/0/5	204.1	ひかす かすし	84.3
	-37.104	154.47	002.	•	16.421	3000	+17.8+-	45.70	2.000	049.64-	010
	-37.164	157.50	012.		121.99	0000	984./4	10.00	001.2	979.19-	81.65
	-37,135	156.20	022.	962.77-	114.14	760.	-46.174	16.33	6.500	CCO * / *-	80.05
690*	-37.735	154.55	052.	745.44-	110.45	. 64c	240.04-	44.04	2.300	-40.310	80.12
	-37.763	156.00	047.	115.64-	113.70	07/0	474.64-	21.64	00**2	400.04-	13.7
0.075	-37.100	150.78	u 52.	143.540	4111,55	uc/.	14.160	43.64	005.2	754.43-	74.4
0.18	-37.005	144.13	1450	アナコ・ウォー	107.34	787.	4.165	41.60	2.000	-44.283	14.14
180	-37.616	147.64	0/20	+44.034	101.63	210.	-43.563	10.40	<.100	-4 3.65B	75.63
0.84	-37,554	145.31	0 P Z	146.207	105.40	7 0 .	784.2	40.03	2.000	-4.3.U5B	(0.0)
0.87	-37.476	143.31	067.	461.15	103.04	7/0.	174.74	82.35	004.5	FLT.73-	18.4
060	-37.388	141.46	305.	-41.313	100.00	70%	<79.1+-	84.73	3,000	126.15-	78.3
105	-30.136	131.80	ŋ ċ £.	·	20.07	J. 2.0.	365.45-	11.75	3.500	104.46	11.7
120	-35.602	163.05	304.	-37.174	41.35	00.00	•	¥0.4	000	-37.243	** ~ ~
135	-34.090	110.09	004.	٠	00.00	0000	•	HU.17	2000	-35.365	17 11
150	-33.504	10%.00	004.	•	00.00	1.500	•	13.64	000.0	407.55-	7.7
165	-34.314	160.44	U¢ ¢.	•	51.50	1.650	•	74.34	000.5	-36.235	11.3
180	-31.16-	101.73	000.			1.000	•	17.20	0000	-30.412	17.4
195	-30.070	3T • 6 5	.650	٠		1.300		77.14	0.500	-63.717	17.65
210	150.42-	27.14	007.			4.100		73.Ch	7.000	-68.632	77.8
. 255	-50.109	45.73	.750			06303	•	74.46	1.500	++0.12-	10.11
042.	-27.630	74.74	000.	-26,873	86.78	201.		73.05	d.u.u	-20.740	70.47
.255	-50.410	74.14	300	•	43.∪V	466.3	•	オナ・ナー	8.500	-45.411	18.8
0.22	-55.664	46.74	20%	•	63.60	00100	•	30.00	4.000	-25.149	62.66
592	-24.202	27.5	375	174.147	~~	172.	177 77				
							0		0000	トオオ・オフ ー	0.6

Table 95. Radial Electric Field (Ice), Frequency = 100.0 MHz, VED Height = 0.00 m

						1 1 1 1 1 1 1	, , , , , , , , , , , , , , , , , , , ,				
F I CHT	J.	THASE	HE JUHT	ARE	THASE	nt Ical	Ā	PHASE	ME IGHT	AM C	PHAS
Ñ	(9A)	(ot 6)	(¥ ¥)	(90)	(UEG)	ž ć	(AO)	(DEG)	(KA)	(PQ)	(DE G)
00000	-50.474	44.77	0.00	-68.016	-114.14	0000	-18.474	-50.95	00000	-88.016	27.0
700	040.04	\5 ° ∩ \$.003	-00.001	47.48	010.	-/8.537	64.83	0°0°	-88.064	86.3
200	120.00	10.07	900.	-00.144	94.70	020•	-/8.573	85.19	090.	-87.875	75.7
200	-20.001	84.54	\$00°	P61.89-	90.00	050.	-18.81	77.19	060.	-86.973	60.1
400	-56./31	56.53	•015	-68.233	47.48	040.	-/8.255	71.14	.120	-85,151	44.2
002	150./90	87.41	\$10°	-66.233	\$0°	200.	669.21-	61.77	.150	-62,780	31.8
900	-50.043	60.03	910.	-66.180	17.01	000.	218.9/-	54.15	.180	-80.315	23.1
000	-50.000	0,	.021	-66.055	12.44	262.	1,5.644	43.54	.210	-17,985	17,3
008	-50.710	24.20	*7n*	-67.84U	67.40	000.	262.4/-	35.62	.240	-75.852	13.4
600.	-50.734	45.00	.027	-67.523	64.07	3,30	-12.875	27.38	270	-73.918	10.6
010	-50.730	10.03	050.	**O.	26.64	001.	944.7-	74.4	300	-72.161	9
011	-58.401	75.44	660.	-66.574	51.30	.110	140.01-	20-44	07.5	30.55	9.7
612	-50.045	74.55	950.	105 . CO-	1	3,7	-08.734	17.33	7	-60.080	1
019	450.150	7	-	14. 77.	1 1		47.4	1		727	1
710	4	1	1					70.1			•
10		70.00			7	•		9.01	3	0.4.00	3
1 .	7,7000	***		103.	15,31	061.	457°COL	11.13	004.	-65.305	7.5
9	1/2.05-	02.09	D 10.	-66.59-	7A.42	100	960.40-	7.76	084.	-64.209	3.2
ر 1 ا	-58.035	20.74	. co.	-62.211	40.00	0/1.	100.00	29.6	015.	-63.181	2.8
018	-57.75	53.71	\$G.0.	-61.431	44.61	.180	-02.143	7.66	.540	-62.212	2.5
610	-57.441	さて, ひて	150.	-00.00-	79-17	06.1.	192.10-	6.85	.570	-61.276	2.7
020	C01.75-	-1.75	000.	014.44-	19.63	002.	-00.383	91.0	009	-60.427	2.0
120*	-50.130	44.56	.063	-24.177	18.02	012.	-24.566	2.56	.630	-54.602	8.7
022	-50.346	41.70	900	104.40-	10.44	277	124.74/	40.4	044	47.4	
0.23	* 25. * 65.	40.4%	7	17.7.	1	3	740	1 1		240	
720		4 4	770	201	2		10.0	,	200	2000	
1 10	10.15	000	0 / 2	2010/01		0.00	יייייייייייייייייייייייייייייייייייייי	0	0 2	A # 7 * 1 C *	7
1	1 1 1	0 4		000	16.09	90.3	0.0	60.	200	100.00-	7.5
9 6	110.10	¥	9	C 20 • CC -	3:	097.	196.50	7.54	.780	-56.002	=
200	701-46-	ر۲. د ۲.	180.	17996-	70.07	2/2.	-05.355	3.27	079.	-55.367	-
200	-22.00	90.02	700	-54.628	10.01	087.	174.40-	2.03	048.	-54.757	-
, i	£47.54	15.02	\pn•	-24.056	9.35	0.42.	124.160	₹•R]	029.	-54.169	•
0	100.75-	×0.47	040.	-53.500	9.09	.300	*65.Ec-	4.61	006.	-53.602	.
0.35	150.004	# 10 20	50.7	- 3 - 3 - 3 - 3 - 3	4	į	450	-	010	46.0	•
4	//	1				2 2				200	•
1	7 4 4 4	22	9 1					•	002.	10.0	•
u d		2 1	0	700.0	70.5	00.		90.1	355.	10.01	
2 1		00.0	001.	741.04	200	000	142.151	58.	1.500	-45.152	٧.
500		6		565.54-	۲۰3	045.	709.5	.68	1.650	-43.601	Ň
000	/61.24-	٥, ١٥	.180	142.190	1.90	909.	761.27	•\$•	1.800	-42.195	•
990	5 22 - 05-	4.76	\$41.	905.04-	1.58	059.	400.0**	94.	1.950	606.04-	-
2	137.70	4.00	.210	-39.724	1.33	. 700	-39.726	• 39	2.100	-39.726	7.
0.75	-30.01.	3.42	• 425	-36.630	1.13	J20	-38.632	• 33	2.250	-38.632	7
080	-37.606	4.95	047.	-37.614	16.	204.	-37.615	. 28	2.400	-37.615	60
0.85	-36.65%	4.55	\$52.	-36.665	* 9•	3630	-36.666	• 5 •	2.550	-36.666	•
060	-35.114	4.63	927.	-35.776	٠,٢٠	005.	-35.777	15.	2.700	-35.777	•
960	- 34. 44.	411	377								
	074 0 7 1	0.1	000	77.	ζ,	25.5	110 111	œ .	2.850	- 34.941	•

Table 96. Radial Electric Field (Ice), Frequency = 100.0 MHz, VED Height - 2.25 m

######################################	### THASE ## IGHT
(D84) (11.69) (11.69) (11.69) (11.69) (11.69) (11.61) (11.62) (11.63)	1, 1, 494 1, 1, 694 1, 1, 1, 694 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,
11.05 11.05 11.05 11.05 11.05 11.05 11.05 11.105 11	11.09 11.09
	1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,
1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	11. (2) 141.21 14
1, 0, 7, 1, 1, 1, 2, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	1,1,2,4 1,3,2,6 1,4,4,7 1,4,2,4 1,4,4,4,4 1,4,4,4,4 1,4,4,4,4 1,4,4,4,4 1,4,4,4,4 1,4,4,4,4 1,4,4,4,4 1,4,4,4,4 1,4,4,4,4 1,4,4,4,4 1,4,4,4,4,4 1,4,4,4,4 1,4,4,4,4 1,4,4,4,4 1,4,4,4,4,4 1,4,4,4,4,4 1,4,4,4,4,4,4,4,4,4,4,4,4,4,4,4,4,4,4,4
11. 27 1. 12. 17. 27. 27. 27. 27. 27. 27. 27. 27. 27. 2	100 10 10 10 10 10 10 10 10 10 10 10 10
10.27 114.27 12.07	
	7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7
10 10 10 10 10 10 10 10	
1014.0 1 101	1004.710 70.4407 70.4407 70.4710 70.47
7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7	7.7.710 7.5.54 7.554
10,504 1 1.00 1	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1
1050	101000 1010000 101000 101000 101000 101000 101000 101000 101000 101000 1
1005010 04.40 101402 04.40 1014	10,200 04,401 05,400 05,
1,000 0,00	10 10 10 10 10 10 10 10
0.00	10000000000000000000000000000000000000
101,484 101,484 101,484 101,484 101,484 101,047 101	101,482, 68,14 101,1482, 67,73 101,1483 60,78 101,1483 60,134 101,1484 60,134 101,1484 60,134 101,1484 60,134 101,1484 60,134 101,1484 60,134 101,1484 60,134 101,1484 60,134 101,134 60,134 101,1
	101.004 101.00
101,488	101,448 60.78720
	100.040 100.04
	1.0000 1.00000 1.00000 1.00000 1.00000 1.00000 1.00000 1.000000 1.000000
	112 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1,7,621 1,7,621 1,7,621 1,000 1,0	14 2 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6
-47.621 65.05 44.00 44.0	-47,057 -44,44 -44,50 -44,00 -44,44 -
-47.057	-47.057 -44.504 -44.504 -44.504 -44.304 -44.304 -4.
-44.30. 64.77 1.200 -14.30. 64.77 1.200 -17.10. 64.37 1.800 -17.20. 64.30 1.800 -17.30. 64.30 1.800 -17.30. 64.30 2.500 -17.30. 64.46 2.250 -10.41. 64.46 2.250 -10.41. 64.47 2.850	1.44.504 64.73 1.350 1.44.310 64.73 1.350 1.47.364 64.34 1.500 1.47.364 64.34 1.450 1.45.374 64.32 1.450 1.45.374 64.32 1.450 1.45.374 64.32 2.450 1.45.374 64.44 2.250 1.45.374 64.44 2.250
-44.310 63.77 1.350 1.45.87 1.550 1.350 1.	-44.31 U 63.77 1.200 1.400 1.34 1.350 1.450 1.350 1.45
1.0.384 6.1.34 1.500 1.17.100 6.1.34 1.500 1.17.100 6.1.34 1.500 1.17.100 6.1.30 1.450 1.13.300 6.1.44 2.250 1.13.300 6.1.44 2.250 1.13.300 6.1.44 2.250 1.10.300 6.100 6.100 6.100 6.100 6.100 6.100 6.100 6.100 6.100 6.10	
	-12.086 61.37 1.500 -125.726 63.32 1.650 -125.376 63.32 1.450 -125.308 63.32 2.100 -125.308 63.32 2.100 -125.308 63.36 2.400 -13.26 63.45 2.400 -10.416 63.65 2.550 -10.416 63.65 2.550 -10.416 63.65 2.550 -10.416 63.65 2.550 -10.416 63.65 2.550
-17,100 61,37 1,050 1,1	-17,100 63,37 1,050 1,10
1.800 1.3.374 1.3.376 1.3.3	- 25,774 63,30 1,450 - 13,304 63,30 1,450 - 12,300 63,44 2,250 - 12,450 - 1
-13.370 63.44 2.250 -12.300 63.44 2.250 -13.320 63.44 2.250 -13.320 63.44 2.250 -13.320 63.44 2.250 -13.320 63.44 2.250	-13.30 61.36 2.250 -12.300 61.46 2.250 -10.414 61.63 2.250 -10.414 61.63 2.250 -10.414 61.43 2.400 -10.414 61.43 2.850 -10.414 61.43 2.850
-12.30 61.30 c.100 -13.32 61.63 2.400 -10.41 61.65 2.550 -10.41 61.65 2.550 -10.41 61.65 81.77 2.700	-1,2,304 61.43 7.400 -1.22.400 61.43 7.400
-11.326 63.53 2.400 -11.326 63.53 2.550 -10.41 63.65 2.550 -12.40 63.97 2.850 -12.40 63.97 2.850	-1,126 61.44 C.250 -1,136 61.65 C.260 -1,126 61.65 C.260 -1,126 61.65 C.260 -1,126 61.65 C.260 -1,126 61.65 C.260
11.120 61.51 2.400 10.41 61.65 2.550 124.564 61.77 2.700 128.770 61.92 2.850	-11.41
-10.41* 61.65 2.550 -47.56* 63.77 4.70 -48.770 61.97 2.850	-30.41* 63.65 2.550 -24.56* 63.77 2.700 -28.57 63.92 2.850 -28.07 64.08 3.000
- C4.564 63.77 2.700 - C6.770 63.97 2.850	
-68.770 63.92 2.850	-c8.770 63.92 2.850 -c8.027 44.08 3.000
2000	-CB.027 A4.0A 3.000
-c8.027 64.08 3.000	

Table 97. Radial Electric Field (Ice), Frequency = 100.0 MHz, VED Height = 4.50 m

ì 4	70 407	חב [הח]	ĭ	アコルンド	at 10.4	Ā	7-14 SE	7F [64]	A	PMASE
(00)	(500)	(£ £)	(DB)	(OE 13)	3.5	(DR)	(Ut.6)	Ť	(OB)	(DEG)
20, 100	116.15	223.0	-26.443	-10.01	0000	100.01	1104	00000	-70.176	102.17
120.01.	16./01	1 000.	-20.66	105.71	010.	-00.763	104.62	0.030	-76.244	161.62
5/0.34	C++/ G1	9000	£ 45 . ec-	101.01	∩ ∨ ∩•	102.00-	160.59	090.	740.07-	150.78
+6.434	100.00	F 2 2 .	+DD**QC+	166.00	J. U. J.	-10.703	154.59	0.0	15.157	155,35
****	150.00	210.	1-20.44/	100.63	? ? ?	100.446	140.54	.120	-73.337	117.40
101.1.	16.401	510.	144.45-	120.74	.000	100.440	137.17	.150	-10.967	107.03
	103.54	0 70	-20.404	126.97	000.	-65.013	141.54	081.	-64.504	74.45
1/1./1	161.13	120.	-26.685	140.40	0/0.	140.50-	110.62	012.	-06.175	72.62
	10.001	*100	-56.077	143,30	000	-05.23-	44.011	0.7.	-04.045	38.05
163.14.	121.30	120.	-22.766	133.03	0.40	-01.083	104.75	072.	-64.113	85.85
2.7.14.	19:001	26.3.	-55.34×	136.33	001.	450.40	X7.7X	005.	-60.354	49.60
+ 77 * / +.	123.64	560.	158.40-	161.63	.11.	-20.27	70.04	066.	44.159	56.34
4/11/4	120051	950.	-54.663	166.16	.160	-26.450	94.70	360	-57.242	41.14
2010/4	14/.33	¥90.	C+C.CC-	111.30		290.00-	20.00	065.	-25.439	60.31
144.01.	170001	V	-36.810	113.00	711.	100.00-	44.14	024.	-54.646	10.57
740.04	10.1.1	410.	CC0.2C-	¥1.401	001.	-23.360	86.53	04.	-53.519	7.9.04
46.600	131.73	300	-21.678	105.75	ocj.	-26.364	45.21	000.	-36.467	76.59
474.04.	134.56	160.	051.001	106.13	0/1.	JE6.1c-	40.00	015	504.14-	787
C01.01.	131.45	4 CO.	14% (20	10.0.01	20.	-26.38+	93.10	0.560	144.001	77.90
40.000	17.621	100.	964.64-	11.14	067.	-43.4E7	36.31	076.	36.7.	17.04
100.01	164.70	non.	507.45-	75.10	307.	-+8.634	81.63	0000	-40.007	77.43
-7110-	04-121	100.	084./4-	77.57	017.	C78./	31.65	050.	8+P. 1+-	17.24
14: /30	117.14	000.	-10.113	76.33	1000	040.14-	50.00	999.	-47.068	77.09
000.44	110011	¥00.	100.001	17.01	002.	116.97-	80.12	0.00	-40,324	10.50
43,763	14.611	2/0.	-45.463	37.60	. 440	110.004	77.75	.720	-42.014	76.84
200.04	111054	c/ 7.	144.700	55.63	062.	126.31	12.42	067.	-44.433	76.75
080*0*	103.34	• 070	441.134	90.10	797.	112.4	73.14	.780	182.44-	76.67
****	101.69	.001	344.5.	55.00	0/2.	-43.653	42.27	010.	-43.655	76.60
2000	100.07	, c a t	274.310	50.03	.600	540.8	70.66	0+R.	-43.052	76.54
41.153	103.64	100.	126.414	45.65	063.	124.71-	10.47	0/8.	-44.473	76.47
100.1+	70.00	340.	141.004	64.73	30£.	014.14	76.30	00.	415.14-	16.45
37.150	70.06	501.	045.45-	94.70	JCF.	946-45-	77.70	1.000	-44.384	76,35
-3/.100	CC . 1 .	.160	147.16-	40.10	201	-37.630	77.34	1.200	-37,230	76.35
-35.301	0000	ct1.	-35.383	71.00	204.	-35.30r	17.26	1.350	145,451	16.43
-33.113	14.00	001.	-33.736	19.03	000.	-13.704	71.24	1.500	-43.645	76.56
-36.36/	11.00	çq1.	-36.261	74.33	Jec.	-26.23c	77.31	1.650	-34,221	76.74
-31.014	04.10	001.	F56.35-	14.14	9000	105.00-	77.45	1.800	978.05-	76.95
-52.034	33.56	۲۶.	-64.145	11.11	oco.	-64.71	11.04	1.950	-24.703	77.20
-20.133	81.19	012*	140.02	13.65	00%	-46.625	77.47	2.100	-24.618	77.48
-51.110	33.66	577.	-<7.673	14.41	. 150	469.12-	78.15	2.250	-27.630	77.80
-40.000	96.70	047.	-66.769	17.03	. 600	-66.135	10.47	2.400	-26.125	76.14
.50.001	03.60	462.	144.62-	13.36	9CQ*	-63.906	70.82	2.550	-45.897	78.51
100.65	03.60	072.	-<>.180	80.¢	00A.	-42.145	17.21	2.700	-25,135	78.91
1055-	55.55	. 683	74.480	60.00	35.5	- 645	74.76	6	26.0	70 30
1 . 0							,	0000	CC+++71	000

Table 98. Azimuthal Magnetic Field (Ice), Frequency = 0.1 MHz, VED Height = 0.00 m

HE I GHT		PHASE	HE TOH	AMP	PHASE	HE IGHT	AMD	PHASE
XX.			(XX)	PO O	(DEG)	(XX)	(08)	(046
0000	-	-100.4	000.0	-49.115	-113.92	0000	-38.85	-117.7
030	7	26.04-	001.	-29.265	-104.4B	300	-39.165	-104.07
090	7	-97.60	202.	-<5.363	-104.93	.600	-38.957	-96-
060.	7	-96.27	300	LO4.67-	-100,33	006.	-38,321	-71.9
.120	-18.78	66.44-	004.	-45.395	-95.75	1.200	-37.42c	-67.6
.150	7	7.C. + 7.F.	.500	-29.330	-91.22	1.500	-36.407	4.4.
. 180	7	44.25	009.	-29.213	-80.81	30 R • 7	-15.379	-53.04
.210	÷	T 7 . 0 7 -	.700	150.42-	-82.57	2.100	-24.388	6.74-
.240	7	167.07	008.	-<6.84B	-78.52	2.400	-33.454	6.54-
.270	-10.07	-88.23	004.	-48.612	-74.09	2.700	-32.584	4.04-
300	÷	180.40	3.000	-Z8.348	-71.09		-31.776	9.7.
.330	-18.	-65.57	1.100	-68.063	-67.73	3.300	-31.027	34.66
.360	7	57.48-	1.200	-67.760	-64.40	2000	100.330	
390	-16.	54.78-	0000	124-17-	-61.7	3	104	
20	-18	-61.63	004.1	-<7.130	10.0	2000	14.0	7.06
.450	-	-80.34	0000	- CP. #0.7	4 4 4			9 0
4.80	7	47.00	0000	*****	1	٠ 1	. 20	
6.5	2 . 2	-7 / -	7.00	47	7	200		
1	-	4.2	2 2	7010	7.00	00.0	1/90/14	1
100		0.0	000	1+0+07-	97.00-	0.4	966.03	-50.6
0.0	-	75.07	•	476.67	15.84.	5.700	-66.547	-52.6
9	-) · · · ·	0000	¢12.62-	140.07	9.000		-25.16
.630	7	-76.87	<.100 2.100	-24.910	-45.13	6.300	-65.716	-24.5
.660	÷	-71.68	7.400	-54.612	-43.6B	0000	-<>.330	-23.9
069.	÷	15.01-	2.300	-24.320	-46.34-	004.0	-64.96	4.62-
.720	7	-64.30	704.7	-64.035	-41.00	7.500	019.47	
.750	-10.490	-68.66	005.2	-<3.757	4.45-	7.500	-64.273	200
.780	-10.441	-67.11	7.000	-43.486	-38.85	7.600	156.67	-25-0
.610	-10.304	-60.05	2.700	-43.221	-37.73	8.100	-63.639	-21.7
.840	7	-64.95	008.7	-66.39-	-36.83	004.0	-63.341	-21-
.870	÷	-63.87	2000	-44.713	64.65-	۲,	-43.053	-21.0
006.	-10.17	-64.86	•	9	-35.UB	000.4	-64.776	-20.70
1.050	-17.053	10.05-	3.500	-61.336	44.16-	10.500	966.12-	٧٠.٤١
1.200	0/4./1-	-23.00	3000	-< 6.33B	-48.73	000.71	750.02	
1.350		147.70	4.500	754-41-	-26.54	13.500	15.527	
1.500	-16.660	26.04-	3000	100001	- 44.11	33.66	707-91-	10.45
1.650		-43.67	005.0	1 146 - 11 -	-63.30	16.500	-17.475	7.0
1.400	'n	140.24	0.00	-17.300	90.55	0000	-17.316	
056.1	-15.5	17.05-	0000	-16.711	-41.00	14.500	-16.713	
Z.100	-15.130	17.05-	2000	-16.171	00.02	000-17	-16.174	0 1 1
6.250	-14.114	00 * * 5 -	1.500	-15.574	17.61	005.22	15.673	3.
2000	-14.467	-36.25	00000	-15.615	-14.56	000	115.61-	1
2.550	001.41-	-30.6-	3.300	-14.709	24.11-	005.57	14.783	25.5
2.700	-13.100	-67.64	1.000	14. 44.	17. 14		4 7 7	
7.250								
,,,,,	-13.402	-61.44	4.000		-15.84	200.00	010.41-	4.7

Table 99. Azimuthal Magnetic Field (Ice), Frequency = 0.1 MHz, VED Height = 2247.60 m

THUI SE	2	3	1	3	1	1 1	2	0
	1		2		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		1	10.1
		5			5 .		100	3
0	4010	20.40-	0000	201.17	70.0	0000	77.450	10.01
050	-14.17	-34.65	20.	-64.613	-18.50	000.	-34.205	-34.15
090	-14.01/	-31.33	002.	-64.700	-23.40	.600	166.55-	-10.41
060	-14.074	-CA.KU-	300	C41.47-	-44.36	005.	-33.350	-0.05
.120	-] + . 880	-28.60	004.	-64.128	-24.75	1.5 vv	-36.445	4.22
.150	-14.714	-61.64	0000	-44.656	-40.64	1.500	154.16-	12.41
.180	-14.93/	10.62-	.600	265.42-	-15.80	1.800	130.406-	10.84
.210	-14.905	06.47-	00/•	-64.367	-11.55	2.100	114.47-	29.62
.240	-14.707	-43.13	2000	-64.100	-7.50	004.7	-CB.477	27.98
.270	-14.770	-41.76	30%	163.420	-3.67	4.700	-c7.60b	31.26
.300	-14.986	140.40	7.000	-63.653	07	000.5	108.97-	33.96
.330	_	C0.61-	7.100	-63.365	3.68	3.300	-c6.05c	36.21
.360	-14.41-	-17.70	1.600	-63.061	4.0	3.600	-45,356	30.12
390	-14.900	-10.30	000.1	-44. 747	9.30	3.500	-64.700	37.74
.420	-14.954	£0.61-	004.1	-66.467	11.98	4.400	-64.103	41.15
.450	-14.730	-13.71	1.500	-66.103	14.40	4.500	-63.531	44.38
084.	17.4.1	14.21-	1.5000	-61.77B	10.75	200.4	-<3.005	43.45
510	-14.000	11.11-	1000	554.17	70.00	001.5	266.503	44.47
.540	* CD * 1 -		338.1	-41.136	70.05	20400	-62,030	17.64
675	570-41-	74.0-	3	3/4 3/1	3	7.7	- KH - 17-	40.00
0	100		•	5 4 4 5 7	,	000	100	20.01
0.4	1 7 1	1 2	3	4 5 7 1	1 1		11/2	0.00
	4 -		3	202.07	99.71			000
0 0	1 1 1	0 4	002.0	606.61	10.17	P J	100	D . 1
000	1 1	0 1	٠	070*47	60.03	000	100.00	0
2 2	٠.	20.0	•	14.333	64.42	002.	17.004	70.64
06/•	000.	\$5 • T •	0000	800.61.	11.11	0000	× 75 . 4	17.47
08/	100.41-	04.	7.000	b. 7d	36.64	D D	D	æ.
0 7 9	; ; ;	۶,۰	00/.7	5.50	33.61	¬	9.08	;
040	4.30	70.7	٠	2.51	34.6	1.0	-18.393	9
0, 20		3.11	704.7		17.55	٠.	9	-
005	-14.600	۲.: :	000°n	-17.776	36.03	000.	-17.833	F - 3
Q Q	_	;			•	:	:	
200	014.01.	1.6	2.000	ċ) · F	10.00 · o I	10.030	- 6.75
002.	K + C • C -	, 0.0 L	\$.000	2/0.61-	15.24	10.00	744.61.	53.87
150	C07 • C1-	1/•/1		108.31.	10.44	13.500	-14.627	2***
.500	-16.111	61.39	030.0	-14.000	11.04	15.000	13.867	33.50
•650	-16.376	74.0¢	2,500	-13.336	¥2.54	10.500	111.61-	J. 30
000	-14.01/	19.12	0.000	-16./07	17.10	10.000	194.71-	50.94
. 150	-11.653	12.05	000.0	-10.141	10.15	17.500	トロチ・1 1 -	31.34
100	100.1 [-	16.67	0000	170.11-	26.16	000012	346 . 1 T -	50.03
052	1/6.01-	74.40	1.500	-11.130	53.16	46.33	7 [6 . 0 1 -	76.05
007.	-10.654	35.76	3.000	-10.100	34.04	0000	185.01L	57.13
5550	2 cc u ! -	67.50	0.000	466.01-	70.00	25.000	240.095	>> 4.6
001.0	*30 * 0 ! -	24.04	3000	116.6-	17.6	//	,,,	
C U						2		
2000	100.6-	21.24	3.000	150.5	0.000	, ,	10.5	

Table 100. Azimuthal Magnetic Field (Ice), Frequency = 0.1 MHz, VED Height = 4495.20 m

	ì							
(MM) (100) (•	PHASE	TE LGHT	AMP	PHASE	HE IGHT	AMP	PMASE
1000 19.44 26.5 1000	_	luko)	ĵ.	(0 P)	(050)	(KX)	(08)	(DEG)
1000. 10	7	-10.00	000.0	•	-26.56	00000	-<6.513	-29.51
1000 - 19,719 - 12,519 - 1900 - 1900 - 1900	ť	50.7	.100	67	-22,10	005.	-46.798	-15.83
1000-19-001-19-10-10-10-10-10-10-10-10-10-10-10-10-10-	÷		007.	ř	-17.53	000.	-ca.584	-2.11
1000 - 19,703 - 3,31 1,500 15,100 19,700 19,700 19,703 19,701	7	?	005.	ř	-12.91	004.	-67.943	10.25
1000 -19,193 -3,77 1500 -55,000 1000 -19,105 10,40 1,400 1000 -19,105 10,40 1,400 1000 -19,105 10,40 1,400 1000 -19,105 10,40 1,400 1000 -19,105 10,40 1,400 1000 -19,105 10,40 1,400 1000 -10,105 10,40 1,400 1000 -10,105 10,40 1,400 10,100 -10,105 1,400 1,400 10,100 -10,105 1,400 10,100 -10,105 1,400 10,100 -10,105 1,400 10,100 -10,105 1,400 10,100 -10,105 1,400 10,100 -10,105 1,400 10,100 -10,105 1,400 10,100 -10,105 1,400 10,100 -10,105 1,400 10,100 -10,105 1,400 10,100 -10,105 1,400 10,100 -10,105 1,400 10,100 -10,105 1,400 10,100 -10,105 1,400 10,100 -10,105 1,400 10,100 -10,105 1,400 10,100 -10,105 10,100 -10,105 1,400 10,100 -10,105 10,100 -10,105 1,400 10,100 -10,105 10,1	7	45.5	004.	å	-8.31	1.200	140.72	20.53
1000 15 100	7	. 22	יטטל.	,,	-3,77	1.500	-<6.027	28.72
### 1990 1990	7	ď.	.600	Ţ.	. 65	1.800	2	35.16
100 19 19 19 19 19 19 19	,	1. D	006.	;	7	2.100	7	40.25
11.000 11.354 16.44 1.000 1.00	P	=	009.	,	75.0	2.400	-	44.32
1.000 18.55 16.41 3.000 1.0001	٩	•74	006.	'n	12.82	2.700	=	47.61
1,000 1,00	ŗ	37	3000	-18.04.	16.4	4.000	504	200
1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	3		001.1	355				20.00
1000 1000	1					9 0	000	20.04
1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	;	5	200	100.01	66.72	3.000		24.50
1,400	÷	8	7.300	94/ 11-	25.67	3.500	-16.91-	56.14
1,500 117,107 31,094 1,700 119,704 1,700 119	•	2	007°T	-17.42B	24.5d	4.200	-18.714	57.56
1.000 1.00 2.00 2.00 2.00 2.00 2.00 2.00	≟	7	1.500	-17.107	33.05	004.4	1.81.150	S. S. S.
1.700 10.164 10.15	7	5.	0000	-10.786	13.40	0.00	17.62	
100 100	;	۲,	1.700	44	1	,		
100.00 1	γ,	2	000	3 4 7 7	7.5		7 7 7 7	0 .
			930			7	1000	
			000	00001	80.40	00/00	902.91	64.54
	•	0 ;	000	42C*CT-	41.10	000.0	-15.785	63.26
	•	Ç:	2.100	13.668	\$0.75	005.0	15.384	63.9
1000	2	7	002.2	155.41-	44.10	0.00	.,	64.53
13.56	-	٥	7.300	;	40.56	00%.0	*17.	'n
1000 1000	77	,	204.2	÷	40.00	7.200		65.58
13,466 13,366 13	. 1.	7,			48.01	7.500	-13	á
13.566 50.28 8.100 1.3.666 1.3.66 8.100 1.3.60 1.3.	ָ <u>֖</u>	7	٠	∻;	49.61		-13.665	40.50
12.101	<u>•</u>	3,5	•	-13.566	30.08		-1 4, 34.1	4
12.000 12.000	~	20	J . B U C	-13.314	47.10	201	740	7 7 7
- 12.833	2	75		3.06	4/./	2.7.4	742	
100000 100000 1000000 1000000 1000000 1000000	9	*	•	2.83	, -		9	
1000.11						:	:	•
100.01 10.00	(; ;	17.6	;	-		
10000000000000000000000000000000000000	} -		1	101111	000	000.01	11.68/	
10000 14,141 06,54 11,1000 10,	2	0	000	2,, 01.	\$0.0¢	10.000	-10.263	VC.07
1000 1	•	>	4.500	755.4-	94.50	13.500	7.385	71.86
1000 10,544 10,400 10,50	ň	40.	2000	37.3-	04.00	15.000	-8.623	7.2. H.
144.7 144.7 147.4	7,	20	005.0	-6.534	000	200	100.	
100.00 10.00	3	۲۷.	0000	1451	1	100	747	3
1000 10	,	,	30.5	7 1 7	1 1			10.
100.112 04.11 04.12 04.1	,		201.	1		000.41	*0.0	05.67
0.000 -0.100 /0.623 C.6.00 00.	, ,			00.	0	000.	0.365	10.07
1945 74.64 74.64 74.64 74.64 74.64 74.64 74.64 74.64 74.64 74.64 74.64 76.64	,	٠.	000	-0.553	(6.63	2000	17.4.6	76.83
004.65 Ye.#1 (68.6 - 004.6) 00.47 Ye.#2 VO.*1	'n.	;	000.0	-6.196	13.43	001.42	12.607	11.54
0,0,0,7 0,7,7 0,5,4 0,0,0,1 0,0,0,1 0,0,0,1 0,0,0,1 0,0,0,1 0,0,0,1 0,0,0,1	2	٠,	3,500	109.0-	45.37	7000	-5.203	70.34
**	0	99.	3	444,44	15.70	<7.000	いかか・ナー	73.10
15. 10.000 000 17.00 duo.000 01.000 14.00	,	. 4.7	¥•000	o *>· <-	7	705.87	-4.734	74.47
	00	,,	000.01	950.0-	Cu.//	30.000	-4.513	10.01

Table 101. Azimuthal Magnetic Field (Ice), Frequency = 1.0 MHz, VED Height = 0.00 m

Color Colo											
(a)	1		HE JUHT	A	14 55	Tr. Con	Ā	SAMO	HE I GHT	AMP	PHASE
00000	2)		E X	(90)	(0,0,0)	2	(OB)	(Ut.6)	(F. F.)	(PO)	(DEG)
100.00	-20.34	_	2000	130.344	-00.01	00000	140.01-	-61.38	000.0	+50.504-	-92.58
100.50 1	¥2.02-	_	212.	-10,033	-03.66	3000	- JY. B35	-17.23	001.	-48, 31B	-52.04
	*C** ?-	خام•د?- د	200.	-30.463	JA.50	707.	-34.168	74.10-	.200	-4 B29	-32,37
7.2.2. 2010 - 25.20 - 201.20 - 20.100 - 25.20 - 20.20	-24.30	_	050.	-30.330	15.61-	3,43	-34.225	-5.00	906.	-41.493	-23.00
	-21001	_	0+0+	-30.15V	304.50	. 1 e	170-170	-45.72	004.	-34.764	-17.91
	-00.00		300.	70% ° KU-	405,50	UC.	-26,108	-3%.28	905.	-31.972	14.08
100	-60.33	•	202.	750.67-	95.10-	100	123.084	-34.24	.600	-30.474	-12.48
1000 1000	-6 c 5 c		0,00	164.346	10.14-	017.	-24,134	-30.54	.700	-35,196	\$9.0T-
100 100	31.071		280.	480 · 43-	+2 . +C-	047.	-33.547	-21.03	008.	-34.082	40.41
100 1	-20.46		O . O .	ca, 105	-51.00	012.	174,425	-24.40	70.	-43.047	-B. 75
100	-60.30	•	300.	164,437	144.14	000.	-31.664	-24.22	1.000	-32.215	00.81
		•	011.	760.07-	147.44	066.	456.06-	-20.39	1.100	-31.417	-7.38
100.0000000000000000000000000000000000	-70.05-	•	.120	147.12-		095.	-30.30	-14.84	1.200	-30.064	16.86
1000000000000000000000000000000000000	-61.15-	•	130	-<7.405	40.07	345.	249.42-	-17.50	1.300	-30.0≥0	-6.42
1,	-20016		0 7 7 0	-67,064	138.00	024.	-64.136	-16.34	1.400	104.47-	-6.05
	-20,114		061.	-60,760	19.05-	704.	-ce.576	56.01-	1.500	-28.826	-5.72
1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	*2*22-	•	100	-26,397	77.47	000	-c8.071	-14.42	1.600	-28.289	-5.43
1000 1000	17.41	•	.170	-c6.07c	-33,66	o 1 5.	-47.593	-13.62	1.700	-27.786	-5.18
	-17.900	•	.100	461,62	-31.75	.540	141.62-	-16.91	1.800	-27,312	.4.
	-14.05		0.1.	144.67-	-30.35	0/5.	-46.714	-14.27	005.1	-20° 805	-4.75
	-13.75	•	002.	-45.141	CL.62-	100.	-46.304	-11.69	2.000	-20.442	14.57
	-17.00		012.	14.840	-27,84	060.	-65.916	-11.16	2-100	-<6.040	14.40
### ### ### ### ### ### ### ### ### ##	-14.66	•	022.	266.42-	-40.14	199.	445.67	-10.5B	2.200	-45.658	-4.75
	117.01		062.	164.677	-45.00	3,40.	-62.191	-10.24	2.300	-45.634	-4.12
		•	0*7.	164.005	07.47-	021.	168.42	12.7.	2.400	-24.346	13.49
	-13.35	,	JC2.	-63.734	-63.79	Je7.	144,520	-3.47	2.500	-64.613	-3.87
	-12.56	•	002.	-63.481	-6.77-	.780	-64,214	-7.13	2.600	-64.694	-3.77
	-12.17	•	072.	-63.624	-46.14	o†a•	-63.914	-8.81	2.700	-23.487	-3.67
-3.40 -42.40 -42.40	+2 V. CQ.	+1 -77- 0	187.	- 44. 32.	-61.39	. 0 40	-63.625	-8.51	4.800	-23.093	-3.57
-34.73 -4.04 -24.01 -4.04 -2.07 -7.97 3.000 -34.73 -4.04 -2.01 1.20 -12.40 3.500 -34.73 -4.04 -12.01 1.20 -12.41 -0.09 4.000 -31.74 -4.56 -12.01 1.20 -12.41 -0.09 4.000 -31.74 -4.56 -12.01 1.20 -12.41 -0.09 4.000 -31.74 -3.41 -12.01 1.20 -12.41 -0.09 4.000 -31.74 -3.41	P. 0.1	47.50	344.	-66.740	-40.00	· c / c	763.340	-6.23	305.5	-23.403	44.E-
-34.73 -400 -12.401 1.200 -12.406 -5.40 3.500 -3.407 -13.401 1.200 -12.415 -5.09 4.000 -3.100 -12.401 -12.415 -5.09 4.000 -3.100 -12.401 -12.415 -5.09 4.000 -3.100 -12.401 -12.415 -5.00 -3.10	-10.4	34.24-	000.	+15.55+	10.02-	205.	-63.077	-7.97	3.000	-23,136	-3.41
-34.43 - 4.50 - 4.51.44 - 1.450 - 1.4860 - 1.4											
-31.77 -4.00 -10.441 -13.01 1.200 -20.416 -20.04 -4.000 -13.17	-10,45	-3004	045.	-61.440	-17.19	1.050	-<1.860	05.0-	3.500	-21.902	-3.07
-31.44	KK "/ [-	•	204.	164.02-	10.01-	1.200	-c0.816	60.9-	000.	-20.847	-2.82
	-17.53		.450	114.047	-13.69	1.350	106.61	-5.47	4.500	-19.92B	-2.61
	-11.00		004.	-18.567	48.11-	1.500	160.41-	95.71	2.000	-14.116	-2.45
5.44 24.77	-10.67		044.	-18.204	-10.74	1.650	-18,376	-4.55	5.500	-16.391	-2,32
25.40.4 - 26.47 - 20.0 - 17.01.3 - 14.90 - 17.134 - 3.91 - 6.500 - 17.024 - 2.100 - 12.504 - 3.60 - 17.000 - 17.20 - 2.100 - 12.504 - 3.60 - 17.000 - 17.20 - 2.100 - 12.504 - 3.40 - 17.000 - 17.13 - 12.60 - 17.000 - 12.604 - 12.60 - 17.13 - 12.60 - 17.000 - 12.604 - 12.60 - 12.604 - 12.60 - 12.604 - 12.60 - 12.604 - 12.60 - 12.604 - 12.60 - 12.604 - 12.60 - 12.604 - 12.	-10.64		9000	-17.582	-7.78	1.600	-11.725	-4.20	000.9	-17.738	-2.20
5,400 - 12,47	-12.04		000	-17,013	95.8-	1.950	-17.134	14.6-	6.500	-17.145	-2.11
2,520 15,530 -	-12.40		100.	764.97-	-8.26	3.100	+65.41-	-3.66	7.000	-16.603	-2,02
-10.45 -10.00 -15.145 -7.13 (4.400 -15.5438 -15.26 8.000 -15.45 -10.45 -	101.01-		357.	-16.000	-7.06	2.620	-10.091	-3.45	7.500	-16.105	-1.95
-1/.(* .850 -15.445 -6.456 2.550 -15.213 -1.09 8.500 -16.21 .900 -14.758 -6.25 2.700 -14.818 -2.94 9.000 -15.44 .950 -14.395 -5.48 2.480 -14.444 -2.41 9.500 -14.35 1.000 -14.35 -5.25 3.000 -14.103 -2.69 10.000	17: /0		200.	-15.561	-7.13	204.5	-15.638	-3.26	B.000	-15.645	-1.88
			920	-15.145	-6.66	J4550	-15.213	60°F-	8.500	-15.219	-1.62
000.01 9.5-4 4.4.103 -5.44 5.50 -2.451 1.000 -14.055 5.500 3.000 -14.103 -2.69 10.000	71.1		00.5	95/ - 11-	-6.25	2.700	-14.816	-6.94	000•	-14.822	-1.77
1 -14-35 1-000 -14-055 -5-55 3-000 -14-103 -2-69 10-000	-13.05	_	300	14.395	-5.48	A. 650	933.77-	-4.81	9.500	-14.453	-1.72
	-13.54	55.41- 1	1.000	-14.055	44.5-	3.000	-14,103	-4.69	10.000	-14.107	-1.68

Table 102. Azimuthal Magnetic Field (Ice), Frequency = 1.0 MHz, VED Height = 224,76 m

1.1.4.	I k	1 2 2 4	THO LON		70407	חר] נחן	A	PH45	Tro I at	4	ĭ
5	(100)	() I (Σ×		(UE 0)	(84)	(90)	(0,40)	1	(10)	400
0000	100.01	70.41-	0000		-60.66	0.000	-13.680	-24.58	0000	0000	3
000	150.00	05.01-	o (o •		14.17-	060.	274.50-	0111	001	700	-
9	* no • n ! +	16.01-	200.	-64.367	-15.00	. 000	108.20-	-1.6H	002.	138.380	30.74
))	1 20 0 7 1	14.61-	050.		-16.00	343.	1. B5+	0.00	. 300	112.544	,
7 .		10.1	010.		-7.00	021.	150.748	17.05	003.	-33.360	Ų
0 1	3 1 3 1 0 :	70.71-	20.		14.61	150	-cy. 735	73.44	.500	-31.504	*0*
2 7	7 / 6 - 7	77.1.	•		10	• 100	-46.716	29.52	.600	-30.06-	50
1 7	3 1	0 4) :) :		91.	012.	-67.761	36.51	. 100	-60.144	56.
	3 4 4 4 4		000		45.	• 6.40	-46.875	32.74	000.	-41.036	5,7
ر ا ا ا)		10.75	012.	-cp.054	30,35	001	-<0.02-	ņ
9 6	110.11	0 .	001		13.67	000.	C62.C2-	£ C • O •	000.1	-65.771	, ,
	10.41	9	377		16.30	25.50	744.540	44.30	1.100	-64.474	52
9	111	1	21.		7 D .	707.	163.534	76.64	1.260	142.42-	56.
•		06.1	051.		71.17) r	-63.363	42.64	1.300	-43.574	, 9,
d 1)	0.00	00.	0.7.		63.60	774.	-66.751	40.43	1.400	-64.301	57.
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ñ :	001		65.13	004.	-66.214	47.45	1.500	-44.300	, '
	707 - 7	1	0 7		70.70	001	-61.703	40.30	1.600	-21.836	5
70,	766.41-	c . 75	? .		78.04	575.	-61.236	47.16	1.700	-21.350	5.4
0 0	0 70 • 11	•	001		30.00	140.	187.02	D	1.800	-CU.878	28
1010	0 1 2	57.0	06.7.		31.40	3/4.	-60.354	50.53	1.400	-20.434	28
3 °	601.	•	000.		36.16	250.	275.41-	21.15	2.000	-20.011	, Q
Ĉ.	7 h 3 * 1 T	7	012.	10.000	33.77	.010	145.61	51.05	2.100	-14.011	ν.
8	> 1 > 1 1	0	022.	123.407	33.10	.000	ノケ~・ケェー	26.14	6.200	-14.231	20
0	C 24 . C 1 -	10.1	25.0	121.01-	36.15	240.	399.87	45.75	2.300	-18.600	34.
9.7	0.01	20.01	0.	£ 50°/1-	37.14	. 1 60	-10.503	00•٤٢	004.2	-10.56	ζ,
	101.1	10.11	062.	600./1-	30.00	.750	18.180	53.38	2.500	-18.172	5,
	010.01	1	002	-11.333	36,96	. / 90	71.870	53.74	7.600	-17,475	
	10.004	13.61	0/2	580./1-	37.73	019.	216.11-	24.07	2.700	-17.571	7,
• ·	100.01-	14.33	002.	1,0.01	40.50	2.	-11.20>	5*•38	2.800	-17.278	, ,
600	7 7 7 7	72.61	340.	1,0.00	41.66	2/0.	400.21-	24.67	2.900	-10.497	54.
3.	-13.363	, o .	000.	-10.375	41.40	300.	-10.743	24.24	3.000	-10.127	7.
•105	-16.011	64.00	965.	-15,315	00.44	464.	244.54	i Q	004	1	4
.126			004.	785.41-	40.74	1	13 4)-	2	9		3 .
. 35		14.07	30.00	444.51	7	20,00	2 4 4 4 4	24.7.7	3	1011	2
.156		67.73	2200	-17.818	7	3 5		200		1 2 2 2 2 2	3 3
•165		36.64	JCC.	-16.156	51.00	1.000	-14.134	0 2 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	000	-17.077	7
021.		71.17	000.	-11.558	52.76	1.600	-11.508	57.56	9.000	747 - 1	; 2
• 162		16.06	049.	-11.016	53.11	1.950	140.945	20.00	6.500	10.663	
017.		36.35	006.	-10.524	54,55	7.100	-10.434	90.09	7.000	-10.471	2
• < 52		40.04	Je 7.	-10.076	55,53	4.250	19.967	60.42	7.500	4.905	2
057.		55.14	000.	44.656	56.03	4.400	14.044	50.76	9.000	004.7-	62.
.255		46.70	040.	17.670	56.07	066.2	44.135	61.09	9.500	0.00	6
.275	950.0-	44.66	004.	476.0-	57.27	6.700	-8.797	61.42	000.0	-8.733	62.87
C82.		71.1	3	3							
			21.	700.0	70.00	7.4000	10.450	41.73	005	404	4

Table 103. Azimuthal Magnetic Field (Ice), Frequency = 1.0 MHz, VED Height = 449.52 m

ć	1 1 1	1007 30	7 44	1	100	1	10.47	TEST TE	3.5	PHASE
200	(5,0)	(84)	(10)	(5,10)	3	(00)	()E()	3	(חת)	(UEG)
0+1 ** ! +	L	2000	150.61-	J. 3. 30	2000	-46.50.	-15.33	00000	-16.635	-10.14
6-11-1	-1.1.	010.	-17.060	35.36	050.	496.82	41:1-	001.	-30.044	24.35
00711	() ===	120.	446 44 7-	17.5.	.000		14.55	002.	-13.136	14.04
1.163	7.	26.30	-17.413	74.	3 k 3 ·	746.136	24.03	9300	-30.361	35.65
10101	20.7-	3,00	-17.633	9.6	777.	140.63-	30.05	004.	- Z Q • C > B	54.5
2021	24.1-	∆ € 0.	010.61-	7.43	JC 1.	-64.635	30.13	00 <	-40.302	61.7
1010		000.	751.61-	13.30	201.	-63.510	41.11	009.	-64.807	03.4
1010	10.1	2,2.	110.463	17.00	012.	<64.77	45.77	.700	-23.530	65.5
-10.77	7,17	200.	-10.150	10.02	0.50	-c1.1an	77.07	000.	-24.418	200
005.01-		コアコ・	-11.030	63.03	0100	106.07	24.66	00A.	-21.436	67.0
-10001	70	101.	CUC./1-	50.07	300.		22.02	1.000	-20.056	PB. 45
11000	1, 1	211.	-11.165	24.34	75.5.	24.500	さか・ひく	1.100	-17.761	50.50
227.5	U 0 . U	77.	-10.062	31.03	2000	1 10 01 -	51.63	1.400	950.57-	9,40
,,,,	7.33	751.	C9+*01-	54.16	3 K 7 C	257.01_	50.03	1.300	-18.371	70.0
, , , , ,	32.01	7 1 .	01101-	35.64	17.	-17.667	57.76	1.400	-17.756	3.07
462014	1000	751.	019.61-	58.17	JC 7.	-11.134	00.00	1.500	-17.185	9.0
66147	13461	101.	110.434	¥¥.	201.	10.636	61.11	7000	-10.652	7
100.00	17.01	0/1.	*01.C1-	C3.1+	.10.	10.150	64.53	1.700	-10.134	71.3
71.00	10.49	201.	965.41-	43.13	3 t C •	11/***	53.57	008.1	599.01-	7:
62407	10.06	067.	146.41-	70.00	۰,۲۰	197.61.	65.43	1.700	-15,243	71.0
, 0000	11.15	202.	462.41-	64.64	300	125.11	64.53	7•000	4,447	16.0.
	1306 \$	017.	-13.403	41.14	20.30	14.500	00.00	7.100	-14.424	72.6
141.3	14.41	022.	70001-	41.50	٠. د	151.41-	44.09	2.200	-14.033	12.3
1 21 . 0	17.04	US 2.	104.01-	77.73	250.	-13.787	50.00	Z • 300	-13.695	72.5
212.0	66.03	7.50	-13.141	11.00	./60	754.51	60.64	7.400	-13,353	76.7
1/6.6	63.10	062.	796.21-	51.33	٥٤/٠	-13.137	50.00	2.500	-13.027	12.8
11011	64.13	102.	-16.031-	26.63	101.	-16.836	52.10	2.000	-14.715	16.4
110.4	21.62	1/2.	-16.300	53.13	210.	r\$6.21-	06.19	C.700	-12.416	73.0
17.137	17.01	4600	K+1.01+	53.76	30.	- 4 4 . 25 7	61.43	C-800	-14.130	73.6
2000	67.03	· < 7.	-11:110	24.01	0/3.	/84.11-	40.54	C. 700	-11.854	13.5
1000	21.15	220	140.11-	<i>د</i> د , دد)))	-11.726	60.53	3.000	-11.36¥	73.4
7-1-6	36.31	JC1.	-10.054	U4. PU	1.600	-10.554	67.78	3.500	-10.40	7.5.7
407.00	35.66	004.	-7.105	01.03	1.600	196.4-	70.12	000.4	001.5-	74.3
22.0	37.12	1,00	214.2	04.20	1.350	-8.707	71.63	995.4	1+4.5-	7.4.7
19740	46.33	336.	467.71	04,00	105.	-1.400	76.37	2.000	-7.7.	75.
(,,,,	10.01	,000	1/9.1-	00.00	1.650	-7.320	73.05	004.4	-7.146	2.4
1.044	K1 * 0 1	376	-1.160	04.70	1.000	70.75	73.68	6.000	-0.575	75.0
7.0.1	24.43	2000	70.046	45.24	1.950	15.241	57.52	6.500	120.0-	10.6
000.0	73.17	37.	-0.211	04.00	901.2	100.0-	10.41	7.000	€50°C-	16.6
2017	25,30	.67.	120.6-	1,00/	4620	104.6-	73.45	7.500	-5.231	17.0
5.65.3	17.15	.000	17.450	11.00	204.0	340.4	70.03	000.0	799.4-	7.52
2010	21.06	200.	501.6.	10.01	2.550	14.747	75.60	a.50c	14.274	
00000	97.37	つ う ト ・	U	15.51	<.7uv	14.47	17.19	000.7	-4.303	10.
962.6	20.00	JC4.	110.31	14.30	2.000	-4.233	21.16	V.500	900.1-	7 0
2630	0 7 · • · ·	300	5/3:31	12.64	2000	-4.036	73.40	10.000	-3.860	1.7.
		.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	1000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0							

Table 104. Azimuthal Magnetic Field (Ice), Frequency = 10.0 MHz, VED Height = 0.00 m

AMP LINASE
•
10.00. Ut. 11.
-
-30.000 -3.0b
20.52
2.51
2
_
- 654.62-
- < 3.407 -
_
\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \
0,000
12.118 -1.61
-17.740
-1 626 63
-14.456 -

Table 105. Azimuthal Magnetic Field (Ice), Frequency = 10.0 MHz, VED Height = 22.48 m

Color	1	3.C RM CORNERGE	CANKANGE		LO.U. KM UOSNRANGE	*NK ANGE		BULU KM DUWNRANGE	DWNK ANGE		100.0 KM DOBNRANGE	BNRANGE
1,000, 1	nt IunT	Į F	THASE	HE LUHT	A T	FHASE	HE JUHI	Ā	FMASE	ME IGHT	AMP	PHASE
100.00 1	(¥ ¥)	נים	(500)	Î.		(i)E0)	<u> </u>	(00)	()E ()	ž	(AO)	(DF 6)
1,000, 1	0000	-33.010	40.07-	000.0	•	-47.75	0000	164.50-	-28.00	00000	-63.946	-28.09
100.00 1.40 1.00	. co3	J CC . C E -	-16.70) -		12.23	050.	-114. HOY	04.04	001.	-45.435	55.64
1,000	900.	-36.046	ς,	770.		31.44	191	75E.vc-	50.64	.200	-34.480	58.63
\$66.7. 000.00 07.1	600.	-31.0//	10.00	050.		40.53	3,43	-35.956	54.54	.300	-35.489	59.11
\$66.7. 000.00.00.00.00.00.00.00.00.00.00.00.0	.012	-30.015	97.91	040.		42.61	.120	-33.484	50.4]	007.	-33,515	60.34
14-15-16 (1914) 191-94 (1914) 191-94 (1914) 194-94 (1914)	.015	-54.55-	64.34	o ¢o•		10.71	061.	-11.583	57.54	.500	-31.600	60.68
100.00	.019	-20.040	67.62	200.		50.76	.100	-20.030	54.30	004.	-30.039	16.09
1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	.021	-21.571	33.15	o/ o•		26.54	.17.	-68.718	50.84	.700	-48.722	61.00
1,000	. U 24	-20.111	35.65	000.		53.13	047.	-61.584	57.25	000.	-27,585	61.20
1,	150.	-23.090	10.05	343.		94.06	0/2.	-cp. 585	54.57	006.	-26.544	61,30
100 10 10 10 10 10 10 1	. J30	-22.146	30.14	707.		55.41	000.	-42.674	54.65	1.000	-25.642	61.38
	.033	-2 ** * * 5 -	46.00	011.		20.00	U£ č.	488.47-	60.04	1.100	-24.886	61.45
	. 036	-23.171	44.33	27.		26.54	300	161.42-	60.21	1.200	-24.153	05.10
1,	£60°	-23.103	40.69	130		56.40	340	-63.465	60.35	1.300	-23.480	61.55
-21,-27	540.	-54.01.	10.00	7.		57.35	0 V J •	-62.864	60.49	1.400	-22.859	65.19
-21:70	540.	-24.061	10./1	151.		40.16	04.50	-cc.286	60.61	1.500	-22.283	61.63
1,	3	-21.310	48.75	100		57.48	7440	-<1.751	60.71	1.600	-41.745	61.67
-20.000 5.0.00 130 0.001 130 0.001 15.00 10.02 10.02 1.000 1.20.361 1.000 1.20.361 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.00.361 1.000 1	.051	-21.104	44.64	021.		20.63	014.	-61.247	09.09	1.700		01.10
	. 54	-20.05-	20.46	. 180		34.40	0+5*	-41.07	60.88	7.800	-20.768	61.73
	. 057	-24.634	10.00	0.4.1.		20.00	J. C.	-60.327	60.45	1.400	-20.361	61.75
	094.	-17.060	51.41	907.		76.87	220.	506.61-	61.02	000.≥	970.71	61.78
10,10, 50,40, 10,10, 1	600.	144.61-	74.10	517.		74.00	4630	-17,504	61.08	2.100	854.41-	61.80
	9999	+12+01+	24.26	022.		54.17	•	-14.123	61.14	5.200	711.4	61.62
	660.	-10.163	26.00	06.30		54.36	300	19.701	61.19	2.300	-18.754	61.85
1, 1, 1, 2, 1, 2, 3, 4, 4, 4, 5, 4, 1, 1, 1, 2, 4, 4, 4, 1, 1, 2, 4, 4, 4, 1, 1, 2, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4,	. 572	-10.00!-	72.56	0 \$ 7 .		74.40	. 7¢0	1 [9 . 6] 4	61.24	004.2	-19.407	61.87
	. 075	-10.000	C0 • L C	002.		14.40	, 75v	-16.083	67.19	2.500	-14.076	\$ ° ° °
	. 78	-11.01	¥ × • 5 C	042.		24.64	, 78¢	-17.766	61.33	2.600	-17.759	61.41
	160.	-1 / * * 0 0	36.46	0/2.		54.74	⊃ ¶ ₽ •	-17.462	61.37	2.700	-17.455	61.43
	1000	-1/01/4	24.66	092.		J. C. C.	.040	-17.165	61.41	008.2	-17.162	C
	4	-10.077	14.40	062.		¥¥. ¥¥.	2 0	999°41	61.45	2.400	-16.861	61.4
	360	650.0[-	11.66	2000		00.00)))	-10.617	44.10	3.000	-10.610	D 10
14.24												
	501.	10.634	, 6	UC	7 3 7	9	96.1	445,248	4	1.500	1 5, 34)	62.08
1.5.10 5.4.20 1.5.47 1.5.50 1.5.65 6.6.08 5.000 1.5.65 1.	100	1 3	(1.)	1 4	777	7.5		146.41	201	000	75.4	62.17
-[c./2+ 50443 .5040 -[c.684 0].cf [c.504 66.08 66.08 5.000 -[c.662 -[c.642 5.000 -[c.662 5.000 -[c.6	135	-13.510	CB4/C	24.4	-13.478	70.10	200.4	77.466		2.500	-13.452	62.27
-1	051.	-16.134	50.43	000.	-17.688	17719	1.500	-12.667	66.08	5.000	-12.662	64.37
-11.413 54.58 .evu -11.384 e1.70 14840 -11.344 66.51 6.000 -11.333 -10.050 54.78 6.051 6.000 -11.333 -10.050 54.78 66.51 6.000 -10.78 6.051 6.000 -10.78 6.051 6.000 -10.78 6.051 6.000 -10.78 6.051 7.00 -10.256 -9.000 -9.794 66.81 7.00 -10.256 -9.000 -9.794 6.00 -9.794 6	99	-16.637	14.00	300	104.11-	01.4	1.650	-11.968	62.22	5.500	-11.461	62.48
-[u.dov 54.78	0.00	-14.41	54.58	2000	-11.360	01.10	1.800	11.340	64.36	000.9	-11.333	65.59
-10.340 bu.15 .700 -10.283 62.10 2.100 -10.264 62.65 7.000 -10.256 -10.340 0.144 0.1	561.	-10.000	57.70	050.	-10.795	36.10	1.350	-10.175	64.51	6.500	-10.768	62.72
	. < 10	240.01-	60.15	007.	-10.683	64.10	2.100	-10.264	64.65	7.000	-10.256	64.85
	. 425	17.0/0	44.00	J.75	-4.418	62.29	2.230	20.7-	64.81	7.500	162.6-	65.99
-y.ubu bi.iu abu -y.uua b2.70 2.550 -8.984 63.14 8.500 -8.977	042.	704.4-	50.00	000.	-4,343	62.44	20400	-9.373	64.97	000°R	-4.366	63.14
-0.0/ 61.44 .900 -8.646 67.90 2.700 -8.627 63.32 9.000 -8.620 -8.270 -8.294 -8.270 63.50 9.500 -8.292 -6.2/7 61.74 61.74 -8.270 -8.292 -8.200 -8.292 -6.2/7 62.04 1.000 -8.293 33.000 -7.996 63.70 10.000 -7.989	. 255	14.004	51.14	. 050	£00.7-	62.7U	7.550	186.8-	63.14	8.500	-8.47	63.30
-8.2/7 51.74 .4.500 -8.318 53.11 2.650 -8.296 63.50 9.500 -8.292 -8.272 -8.277 10.000 -7.989	0.4	10/0-	97.19	006.	-8.640	06.20	2.700	-8.627	63.32	000.6	-8.620	63.46
	. 285	F20.8-	01.74	300	-6.318	63.11	058.5	-8.298	64.50	9.500	-8.242	63.64
	305.	//0.0-	*0.20	1.000	-6.015	63,33	3.000	-7.996	63.70	10.000	-7.989	63.63

Table 106. Azimuthal Magnetic Field (Ice), Frequency = 10.0 MHz, VED Height = 44.95 m

100.0 KM DOBNKANGE			•																					75.06								75.44							17,22				
0.00 AM	AMP	(PO)	-54,708	-40.197	-34.243	-30.752	-28.27	-60.304	208.47	200	166.334	44.001	-17.661	-18.430	-18.259	-17.641	-17.067	-16.532	-16.032	-15.562	-15.119	-14.700	-14.304	-13.927	13.500	13.22	17.72	2000	-12,002	-11.727	-11.462	-10.274	-9.273	-8.415	-7.672	-7.023	-6.453	-5.951	-5.507	-5.114	-4.767	14.40	241.4-
	HE IGHT	(H 4)	00000	001.	207.	2000	004	000	000	•		900-1	1.100	1.200	1.300	1.400	1.500	1.600	1.700	1.800	1.400	00n*>	7.100	2.200	000.7	004.7	200	200-7	7.000	00%•2	3.000	1.500	000.4	4.500	2.000	5.500	000.0	005.4	7.000	7.500	8.000	8.500	2000
*NHANGE	F MA St	(UEG)	-14.90	53.50	3	40.00	54.50	00.0	15.17	2000	34.76	76.95	73.17	73.35	73.51	73.65	73.77	75.88	73.58	10.47	7**15	74.23	74.30	74.37	7 3 3 7 7	4.4.4	74.61	74.67	74.72	74.77	7**83	75.08	75.32	75.57	75.83	70.11	10.40	70.71	11.04	17.40	71.17	70.18	76.60
SULU KM DUMNHANGE	7 37	(9g)	-+8.271	110.71	24.11	000	102.82	100.00	0000	140	-61.368	-66.478	-17.675	014.01-	-18.27t	-17.650	-11.085	-16.550	-16.050	UBC.CI-	-15.137	412.91-	-14.366	113.940	- 00.00	7.0.01	10.00	-12.300	120-21-	-11.746	19**11-	10.294	-7.276	-B.434	169.1-	-7.046	-6.47	496.4-	-5.525	-5.132	-4.785	T	017.4.
	חב (נחו	(F.	333.) ()	9 :	2	0 : N	0 1		214	27	200	200	000.	3,40	074.	004.	100	014.	040.	975	9000	20.	0 0	2 2	36.	.700	200	340.	.675	304.	1.000	1.600	1.350	1.500	1.650	1.600	1.950	₹.100	7.630	001.	044.7	20.0
10741	7147	(OF 6)	-14.07	Dr. 52	1,00	20.00	0 -	200			67.17	50.53	04.15	10.40	70.10	70.50	10.0	/1.I4	7.50	11.04	11.00	(4.05	7.7	01.77	7. 7.	10.77	16.21	73.03	13.60	13.31	13.46	73.87	74.30	74.00	<0.c/	15.41	75.77	16.14	16.53	76.93	77.34	9 :	****
SOUTH COMPANY	đ Ž	(64)	128.740	764.00-	10.01 10.01	067.07	100.700	101.01	1111	25.7.7.	746.19-	104.07-	-17.688	-16.965	105.81-	11.687	-17.118	-16.586	110.040	120.61-	471.61-	79/ -1	000.41	1 3, 44,	777	/94-71-	-16.656	-166.31-	-16.071	-11.795	166.11-	-10.345	446.21	184.8-	-1.744	240.7-	-6.564	-6.022	115.5	-5.184	16031	000.41	107.
	7E [6H]	ž Ž	000	2 2	000	9 3	200		5/5	200	242	201.	o 1 1 •	071.	064.	3	961.	2	?	9) 	002.	017		3	JC 7 •	062.	1/2.	082.	0620	100.	965.	004.) t t 0	005.	Jee.	200.	000	00%	067.	0 1	000	>> •
TITLE ALLEGE	77	3	, n . n .	,,,,		1111	77.7	6/1/4	07.04	17.71	40.15	24+04	50.65	51.37	50.13	¥2.	16.00	0.10	10.29	67. Jt	۲ د د د د د د د د د د د د د د د د د د	00.40	21.00	00.00	50.00	000	c1.60	01.50	61.73	63.63	10.00	57.74	10.76	66.11	16.00	16.34	44.6 /	74.14	1//	12.61	10.07	40.07	01.0
3.0	1	روء (0.000	7/4.72	20000	044.45	-24.400	-23.4/5	-26.269	-21.050	-64.031	-50.05-	-17.100	-10.131	-10.136	000.71-	CC	CCC.51-	100.011	10.01	161.011	161.57	1111	11.000	0,0001-	-13.05/	-16.153	-16.401	-14.101	-11.311	-11.052	-10.404	17.54	10.01	304.7	122./-	-6.043	16110-	-2./*0	3.65	0 - 1		1
	Troll at																							790							05.	• 165	.120	35	.153	.c.;		3,6	317.	522.	1 U) ! J

Table 107. Azimuthal Magnetic Field (Ice), Frequency = 100.0 MHz, VED Height = 0.00 m

Character Char											
100 100		10.40	Tro I or	4 ;	30.17	ne Jon I	¥ (THASE	76 IGAT	d W	FHASE
) i	200		0 1	(F. V.)	(00)	(010)	E41	1000	9 3
15 15 15 15 15 15 15 15	•	10.61	2 2 2	424.10-	75.12-	2 3	*00 *2c-	-0.78	200	#50.09-	70.04
100 100	۵.	24.05-	9000	145.647	57.77-	200.	140.051	-3.34	090	400.04-	1.
1,2,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1	_	-61.33	Y00.	-45.4BY	C#./-	U.S.O.	455.254	-2.25	3000	-42.505	
1986 1987		-10.60	710.	110.040	54.C-	. 0 4 0		-1.54	.160	-40.0dB	1.0
199,651 191,		-13.0a	c10.	-30.144	14.47	000.	J21.8c-	-1.35	051.	-38.172	**
10		76.01-	• • • •	140.06-	F0.5-	200.	200.00-	-1.12	.100	-36.610	ž.
10		\$7.61	170.	-33.678	-3.15	0/0.	142.44-	9	.<10	-35.292	7.
		07.0	*>○・	-34.143	-6.75	. 646	-34.153	1.84	047.	-34.154	₹.
1,		./.63	120.	-73.144	-6.43	0.KO*	791.Ec-	74	072.	-33,153	٠. د
13		0.40	J. C.	757.75-	-4.18	. 1	34.450	67	0000	-36.634	7
13		10.0-	550.	154.10-	14.1-	.110	754.10-	7.60	088.	64.16-	77:-
1,	•	0. Jb	000	-26.713	11.00	.100	-20.71c	-,55	.360	-30.718	Ϋ́ -
		74.40	¥γ ⊃ •	0.00.00-	-1.00	.6.1.	110.001		065.	440.08-	16
		14.00	V * O *	D[+.47-	20.1-		774.67	*·•	024.	724.42-	- 17
		٠٧٠٠	. 040	-KE.0+]	-1.4	0CT.	110.07	1.44	04.	-20.044	14
1,		54.45	φ. • .	-60.306	66.1-	061.	-68.305	[4.1	084.	-24.3US	- 15
		- ۵۰ / د	160.	161.12-	ري <u>-</u>	0/1.		3ª	014.	-<7.800	14
		1.4.43	* CO*	-61.366	-1.1/	101.	-61.324	36	0+5.	-21.364	77
		-3.66	740.	-C6.8/4	-1.11	o k ↑ •	2/8.97_	34	.570	-20.876	16
		11.5-	000.	170.450	<0.1-	202.	764.42-	-, 32	.600	-20.432	18
		cr. >-	.000	-<0.040	٠,٠ ١	012.	-<0.047	16	.630	440.07-	7
		70.0-	• 000	-c5.bb>	*	0 77.	-<>.	42.1	. 060	-42.666	-
		14.3-	100.	145.300	o . · ·	0650	108.62-	92.	069.	-25,301	7.
		+C • J-	2/0.	754.47-	• 40	O#7.	-64.953	27	.720	-64.453	7.
		-6.43	د/ ۲۰	-64.510	70	362.	-54.617	-, 26	.750	-24.619	ĭ:-
-23,5552.6.		-6.33	.070	14.67.	/ ,	102.	706.42	25	.780	-24.300	20.1
	•	-6.63	100.	764.67-	د/٠-	۰/ ۷۰	544.67-	24	019.	-23.443	50.1
	* ~ .	-7-14	*80.	160.67	14	052・	163.648	23	040.	-23.69B	÷
	•	90.7-	.00	-63.414	2.	0,40	-63.4]4	25	.670	-43.415	3.1
	•	D . 1))	-63.140	/0))	-63.141	21	006.	-23.14]	č
	•	00.1	501.	906.17-	5b	Uct.	104.12	£.	1.050	-<1.907	- 0
	•	24.1.	777.	158.02	1.10	201.	159.02	15	1.200	-20.851	- 0
-17.110 -1.07 -1.21 -1.2		-1.6	دد ۱.	17.936	7**-	JC **	766.61-]4	1.350	-14.932	.0.1
-16, 1943 -1947 -1		FO • 1 -	150	-19.120	15	005.	-19.120	15	1.500	-19.120	05
-1/, '-, -10		·	.165	-10.395	٠٠٠٠	Jec.	-18.395	7.7	1.650	-18,395	- 05
-16.14.7 -77 -195 -17.149 -67 -650 -17.149 -1950 -17.149 -106.07 -17.149 -106.07 -17.149 -106.07 -17.149 -106.07 -106.		10	707.	-17.742	٠. 30	999.	-17.746	10	1.600	-11.742	- 04
- - - - - - - - - - - - - -		· /	• •	7. 1. 14.V	17	059.	V41.11-	60*-	1,950	-17.149	-, 0,
-		7.1	• < 10	-10.607	دي.	.700	100.01	08	2.100	-16,607	04
-[3-6-4 -[3-6-4 -[3-6-42] .800 -[3-6407 2.400 -[3-649]3-6-4]3-2-23-2 -[3-2-2]3-2-2]4-42-23-2 -2-3-33-23-3-3		•	در	-16.167	63	.750	-16.107	08	2.250	-16.109	03
-15,500 -15,500 -15,623 -17 8500 -15,523 -10 2,550 -15,223 -10,523 -10,500 -14,825 -10,500 -14,825 -14,457 -16,500 -14,457 -10,500 -10		79.1	0,47.	440.61-	12	2000	-15.649	10	2.400	-15.649	03
-!*-aca -:		90.	567.	-15.223	1	000	-15.223	10.	2.550	-15,223	
-14.457 5245 -14.457 52450 5.457		15.	0./2.	-14,826	٠. اه	00%.	-14.826	• 00	2.700	-14.826	0.1
		1									

Table 108. Azimuthal Magnetic Field (Ice), Frequency = 100.0 MHz, VED Height = 2.25 m

30.0 KM DOWNRANGE																															51 62.12									58 62.79						
30.08		⋖	(PO)	-73.4	-45.47	4.66-	-35, 483	-33.5	-41.590	-30.0	-48.	-27.5	-26.5	-25.6	-24.B	-24.1	-43.4	-22.B	-56.6	7.	1.5	-50.7	-60-	5	7.0	· ·	0 7	1	7.7	- 1 7 . 4	-17.151	-16.8	-16.5	1	1	7		6.1	-11.3	-10.758	-10.2	-9.7	-9.3	6.9	4 0 1	•
	1	1011	Į,	0.000	0.30	090.	060.	.120	.150	.180	• < 10	0.50	.270	300	.330	.360	390	.420	.450	064.	014.	.540	0.5.	009.	000	000	060	27.0	780	018	010	07 A.	006.	0.00		1.350	1.500	1.650	1.800	1.950	2.100	2.250	2.400	2.550	2.700	
WNRANGE	i	10.4	(0rc)	-61.92	55.65	54.66	59.80	60.37	60.71	44.09	61.10	61.23	61.33	61.41	61.47	61.53	61.58	61.62	99.19	69.19	61.72	61.75	9/ 19	08-10	50.10	01.0	0 4	50.14	67.10	61.95	61.97	07.10	96.00	01.24	2	66.28	66.38	64.79	64.61	64.73	64.86	63.00	63.14	63.30	63.47	
TO THE COMNESSAGE	7	E	(08)	156.50-	-45.423	174.45-	-25.975	-33.505	055.16-	-30.030	-68.713	-61.576	-66.575	-45.683	-24.877	-54.144	-43.471	-c6.850	-66.674	-61.736	-61.236	-60.759	216.02.	20.00	1000	001.41	178.361	118.057	-17.750	-17.440	-17.154	-16.87	709.91-	-15.386	446.44-	139.61-	-12.653	-11.952	-11.325	-10.760	-10.24B	-4.783	-4.35B	696.9-	219.8-	
	1		£ :	000	٠. ١٠.	0 2 0 •	. u 3u))	202.	797.	0/0.	000.	0.00	.100	011.	.140	064.) 1) n	201.	2	001.	061.	200	210	2.5	100	uc5.	. 660	0670	.280	047.	.300	045.	200	9450	.500	055.	109.	9.650	.700	.750	O 0 0 .	059.	007	
*NH ANGE	7 1	10 4 11 1	0 10	60.12	t.0.	DC.00	14.46	25.44	14.14	54,33	24.87	97.40	54.00	24.65	20.00	60.24	60.37	26.00	50.00	51.00	90.00	00					07.10	15.10	01.35	61,39	61.43	61.47	14.10	61.00	61.02	95.10	07.29	62.23	62.37	64.52	99.20	64.82	62.48	63.14	63.34	
S.U KM UUSNAANGE	ă 1		(00)	001	. 66.44	-34.364	175.411	4/4.55-	-31.573	-30.05-	-60.100	-67.574	-<6.575	-62.684	788.47-	-64.141	-63.475	550.33	612.22	1.7	-61.638	101.02	0 4 7 7 7 7	0.70	77.7.	18.75	-18.405	-18.074	151.11-	-11.453	-17.160	-16.875	-16.607	-15.389	-14.351	-13.451	-12.060	456-11-	-11.332	-10.767	-10.255	20.0	19.30	974.0	-a.0.a	4 5 60
;	At IGHT	1	Table 1	•	000	900	* 0	710.	7.	010.	120.	\$20°		O\$ O •	£ 50.	et 0.	£50.		n :) - - -	100°))			990	***	2/0.	. 175	.078	190.	, cat	, a,	0000	£91.	.160	.135	150	c91.	9	24.	017.	\$22	0 .	CC2.	2	
A A A A A A A A A A A A A A A A A A A	7 4 7 7	1 1 1 1	1017	2		9 .	90.0	00.0	าย ยา	30 • 4 C	15.26	33.76	40.40	11.00	000	/ 0.00	, o .		7.	9 1	0 10 10 10 10 10 10 10 10 10 10 10 10 10	0 0	, 0.00		27.60	57.34	14.40	44.44	11.45	18.45	16.45	10.0	01.00	50.46	60.14	c) • I q	67.19	04.10	1/.19	14.10	11.70	05.30	06.50	07.00	06.30	
1. C AM COMPRANCE	l E	, L	1/2 1/11		100	100.00	1 10 10 1	101.11	0/1:17	500.62	110.02-	-c'.5ua	20107-	000.07-		001.42-	107.62	0.000	-2.2.7		14) -12-	17	5 3 7 . 7	17.004	-13.164	-10.100	-10.41/	-10.000	-1/.//	-1/.400	-1/-1/5	******	*20.01-	-15.406	-14.300	-13.467	-16.077	D/4.11-	165.41-	99/ - 11	17.01	100.	7 1		0000	3
	πε.[GhŤ	Σ×.	000	100		700	000	† u	0000	0 0		r 0) ·) • •	→ 1	9.7	7 :	100	0.4			0 7 3	050	21	520.	.623	. 0.24	• 0.25	. 126	.027	# C C = -))	• 0 35									9 00	000		ָ כ

Table 109. Azimuthal Magnetic Field (Ice), Frequency = 100.0 MHz, VED Height = 4.50 m

SHI AMP PHASE
UEG) (AM)
70.3 -14.83
(80) 201.80-
(23)
(UEO) 14.75 53.55 53.70
•
(00) (00) (00) (00) (00) (00) (00) (00)
(E 2002 200 200 200 200 200 200 200 200 2
0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
•
(20) -30. (20) -36. 147 -36. 147 -21. 100 -21. (00 -21. (00 -21. (00

Table 110. Vertical Electric Field (Well-Conducting Soil), Frequency = 0.1 MHz, VED Height = 0.00 m

HE 16HT (KM)	3							
(KH) 0.000 0.030		PHASE	ME IGHT	Q W D	10411	1.01 1.01	Q N	DAACE
0.000	(90)	(0)(0)	•	CHC)		1	é	1000
.030	677	7	0.000	300	12,45	100		200
	000	4. 36		146				(O •) • •
060	1	3		200		200	•	23
000	40	-	997	200		200	100.	90.04-
000	-	:	3 0	925	-63.04	006.	***	-40.25
0 0	7.7	; .	304	405.	-43.64	7.500	-1.016	-34.6-
	171.		000.	. 38 .	-63.43	1.500	260 * 1 -	-34.00
20.	20.	00.57	000.	407	-43.63	7.800	-1.16	-38.37
017	Ja	13.00	.700	432	-23.02	2.100	-1.227	-37.74
042	4.	v	ago.	154.	-44.84	2.400	-1.285	-37.12
.270	441. -	-14.87	005.	1 9 to 1	-42.62	2.700	1 . 36 7	34.40
300	103	·V	0000	505.	-22.41	7.000	7.77	100
.330	171	-14.75		875	175.21	000, 18	194	ים - ירב -
.360	~ 1 1 V	-14.69	•	24.5	00	200		04.46
390	187	-14.63	004 - 4	174.	20.00	9 3	1000	100
450	37.7	75.51	004-	100	0017) 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	20.45-
100	\n\.		3	1	00.12		* DO * 7	79.55
044		4.7.	7 7	2104	1	200.	1.026	-34.82
			9 0	7:035	12112	20 P • \$	-1.664	-34.55
200	177-		00.	1.651	-41.00	5.100	-1.697	-31.64
7			7,800	¥99.	-20.BU	5.400	-1.726	-31.06
25.0	636	-14.27	000.1	647	-20.60	5.700	-1.756	-30.49
.600	633	-14.21	000.7	+07	-20.40	9.000	-1.782	-29.92
.630	047.	-14.15	2.100	721	-20.20	005.0	< 08.1-	-27.37
999	*47	60.21-	7.500	7.57	-<0.01	9.600	1.626	-28.82
069	197*-	v	4.300	753	17.81	9.400	-1,865	-28.29
2	/ 92.	-	004.7	108	-19.62	7.400	1981-	-27.76
.750	177.	-	ů	783	24.67-	J.	-1.876	-27.24
. 780	,,	ニ	ę	1.197		ø	-1.889	-20.74
.810	ů,	-11-80	7000	010	٠ •	3.100	006.1-	-26.24
9.840	٠	Ξ	ņ	824	÷	204.0	6	-25.75
.870	105	-	λ.	836	-10.07	۲.	6	42.55-
006.	B05.	⊸-	•	5	-10.49	000.6	-1.924	-24.81
050	75.454	-13.34	33.4	5	, ,	3	3	
200	5	1		•		Э.		76.37
200	7	40.011	2 3	0	7.07.	000.		-20.67
		0 1	000	٠.	20.01	יי		-14.95
1	1	0	000.0		'n	n		-17.43
000		•	3.500	-1.035	•	16.500		-10.08
000		U.V.	0.00		~	D		-14.40
1.950	074.1	Ω	0.000		00.61-	14.500		- 1 J. HA
001	٠,٢٠	•	2000		~u	_		. 6. 5
• 520		ケー・ケー	7.500			105.77		
064*		24.0-	3.000			227		~ ~ ~
550	195.	-8.74	9.500	5		20.5	3	200
. 700	•	¥1.01	2000	2	: :	77.500	727	7.
. 650	100-	12.0-	n	3	. 7			* * * * * * * * * * * * * * * * * * * *
0000	/10					?	ì	

Table 111. Vertical Electric Field (Well-Conducting Soil), Frequency = 0.1 MHz, VED Height = 2247.60 m

HF TOHE		PHASE	TH51 44	OMA	20 040	HE TOM	744	37450
1	Î		1	1	: 0	1	į	1
200		3	(11)		э;	(Eu)		
0000	·	F . K .	000	. 138	•	0000	1.65	-3/.44
.030			001.	768	Э.	300	-1.346	-36.83
.060		LO.4-	002.	798	o	009.	164.1-	-36.21
060.		10.5-	00°.	827	ው	005.	-1.512	-35.60
.120		-8.95	004.	855	•	1.200	-1.590	-34.97
150	615	-8.86	005.	483	-18.40	1.500	-1.664	-34.35
180		-8.82	004	016	- 30	0000	-1.735	-33.73
.210		-6.76	007.	937	OC	2,100	-1.802	-33.10
240		- X - 70	009	69.		2.400	1.865	44.55-
2.20		4	000	0 7	, ,	2.700	400	100
9		1	000	410	0 6	200	200	
					٠,			1
200		10.0		1	- 1	3000		19.05-
.360		-a-40	1.500	-1.064	•	3.600	-2.086	-30.00
•380		٠۵.35	006.1	-1.089	~	30%.6	-2.136	-24.39
.420		-6.33	7.400	-1.112	_	2007.4	-2.181	-24.79
.450	+10	-8.27	1.500	-1.136	Ð	9.500	-2.254	-24.19
.480		-6.21	1.600	-1.158	•	000	-2.263	-27.60
6.5		7	1 200			007	100	27.02
		1	3				300	1
			200	1000	ο.	0 : 0 :		
2.0		50.0-	006.	1.665	0	20.00	7000	-63.81
.600		26.7-	200.7	-1.240	-15.00	9.00	-2,398	-25.31
•630	í	76.2-	•	-1.207	s	6.300	-2.456	-24.76
.660	i	-7.85		-1.288	s	0.000	-4.45	-24.22
.690	ľ	-7.75	•	:	-15,30	2000	-2.476	-23.68
.720	·	-7.73	•	_	ົນ	7.200	964.7-	-23.16
, 750	·	-7.67		_	3	7.500	-2.518	-22.64
.780	i	-7.61		_:	- 4	7.800	-2.537	-22.14
.810	۰	-7.55		4	- 3	9.100	-2.555	-21.64
048	- 103	-7.49	008.5	-1.407	-14.35	004	125.5-	-21.16
102		-7.43		: -		700	12.585	-20.68
000	•		1000	777	, ,	2 2	300	120.21
		•	•	•	1			
,				1			,	
Ş	260.	80.7.	2,000	+FC.1-	13.00		74.050	ċ
20	074	-6.75	0000	-1.617	-12.44	12.000	-2.684	-16.07
٤,	144.	-6.51	4.500	-1.702	-11.40	•	-2.701	j
20	100.1-	-6.43	00000	-1.782	-10.01	Š	-2.715	ď
.65	-1.140	66.6-	005.5	-1.862	16.87		-7.726	4
9	062.1-	13,68	000.9	756-1-	91.0-	ż	2.740	5
95	-1.10	74.4	005.4	£ 70 7	3	,	17.757	,
-	1 1	4	7000	100			100	٠,
					3			
ç	000	26.51	3000	26102	07./-		7.0.7	:
3	010.1-	-4.05	000.8	-2.240	14.70		-2.847	ė
Š	-1./10	7.4	•	-4.373	76.17		-2.893	-2.88
< 100	2000-1-	91.5	•	12.471	-2.66	C7.000	7.947	'n
ď								
1	237	4	0	7			2 7 1	-4 47

Table 112. Vertical Electric Field (Well-Conducting Soil), Frequency = 0.1 MHz, VED Height = 4495,20 m

Correction Cor									
(UE) (UE) (UE) (UE) (UE) (UE) (UE) (UE)	IGHT	A		HE JOHT	AMP	¥	HE IGHT	AMP	PHASE
	(MX)	(00)	(0)	X	C	*	1	į	11)66.
100	000		07	000		3 2	0.00	_	24.75
	030		200	100	7 43			717	0.00
100	090	**0	- P. 14	200			9 9	000	77.12.
10.00	060	444.	-6.07	300	-	S	3	600	00
	120	- 200		004	: :	·	200	90	76 - 16 -
1,	150	57B	'n	005	: -:	• 3	1.500	340 0	77.75
	180	144	48.0-	000.		• 3	1.8000	-2.115	-24-13
	510	1.004	-5.82	007.		-14.47	2.100	-2.186	-28.51
	240	010	-5.76	008.		-14.27	2.400	-2.255	-27.89
	.270		-5.70	2004		-14.06	2.700	-2,322	-27.27
13.40 3.50 1.20 1.20 1.20 2.20	300	1.047	-5.64	0000		-13.86	3,600	-2.386	-26.65
1000 1000	330	665	15.57	1.100		-13.66	3,300	-2.447	-20.04
1316	360	084	-5.51	1.400		-13.46	3.600	705.5-	-25.43
	390	200	45.45	1.300	-:	-13.46	3.900	-2.564	-24.B3
12.57	• 450	718	¥5.5-	1.400	_:	-13.06	4.240	-2.619	-24.23
1000	450	1.7.	£6.4-	1.500	_:	-12.46	2000	-2.672	-23.64
	.480	1.57	12.6-	1.600	:	-12.67	0000	-2,723	-23.05
	510	771	-2.4	1.700	_:	-12.47	5.100	-2.77	-22.47
100 100	.540	447.	-5.14	000.1	1.526	-12.27	ال ا	-2.820	21.00
10.00	570	1.00.	15.08	2000	1.560	-14.08		-2.86b	-21.33
100 100	009	043	-2.04	2.000	5.65	-11.48		-2.910	-20.78
	.630	100.	95.31	2.100	1.629	-11.69	٥	-2.954	-20.23
	099	1.0.1	35.31		1.664	-11.44	Ð	-4.996	-19.68
10.50 1.10	069	4.4.0	1D.1-		1.700	-11.30	٥	-3.036	-19.15
1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	720	747.1	۲.		1.736	-11:11	۲.	-3.076	-18.63
	750	1.468	-4.72		1.772	76.01-	۲.	-3,115	-14-11
1,113	780	0,7,0	CQ.*-		።	-10.73	•	-3.153	-17.60
11.15	9.0	-1.064	. ۸		1.84	-10.54	7	-3.196	
11.006	0 40	3	ŝ		1.88	J.,	4	-3.227	9:6
24.1.1	0 / R	7 · Ca	3		26.1	;	2	-3.263	:
1.466	005.	7	77.1-	3.000	٦. چ	٠ •	3	-3.299	9.6
1,500 -3,472 -1,10 -4,10 -4,10 -4,10 -4,10 -3,472 -1,500 -3,472 -1,500 -3,472 -1,500 -3,472 -1,500 -3,472 -1,500 -3,472 -1,500 -3,472 -1,500 -3,472 -1,500 -3,472 -1,500 -3,472 -1,500 -3,472 -1,500 -3,473 -1,500 -4,473 -1,500 -3,473 -1,500 -									
1.000 1 10.00	050		*	•	-4.161	3	'n	3.47	54.6
1,000 -3,40 -4,000 -4,010 -7,31 13,500 -3,825 1,000 -3,137 5,000 -4,137 5,000 15,000 1,000 -4,010 1,000 1,000 1,000 1,000 -4,01 1,000 1,000 1,000 1,000 -1,00 1,000 1,000 1,000 -1,00 1,000 1,000 1,000 -1,00 1,000 1,000 1,000 -1,00 1,000 1,001 -1,00 1,000 1,001 -1,00 1,000 1,001 -1,00 1,000 1,001 -1,00 1,000 1,001 -1,00 1,000 1,001 -1,00 1,000 1,001 -1,00 1,000 1,001 -1,00 1,000 1,001 -1,00 1,000 1,001 -1,00 1,000 1,001 -1,000 1,000 1,001 -1,0	007	-	13.80	•	-4.370	-A. 1d		3.64	26.11-
1.000 - 1.000 1.000 1.000 15.000	350	-	24.5.	•	-4.611	-7.31			- 7 - 54
10.50 10.50	200		-3.17	•		-6.40	ŝ		-7.86
7.6.75 - 6.100 - 6.433 - 6.467 19.000 - 6.431 19.000 - 6.447 19.000 - 6.135 19.000	650		-4.85	Ĵ.		£9.5-	ċ	-4.233	-6.32
5. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.	800		76.2-	਼		-4.86	Ď	12.47	0 T
2.50.4 - 1.00 -	950		-4.10	0.500		10.4-	۲.	-4.730	-3.57
5.455 - 1.445 - 1.446 - 1.456	001		-1.00	0000.		-3.40	٥.	-5.033	-4.31
1.554 1.06 6.000 -4.506 - 1.56 6.000 -5.737 - 1.56 6.000 -5.151 - 1.56 6.000 - 1.55 6.000 - 1	052	7,4,7	-1.40	1000	Ď	¥6.5-	ζ.,	-5.366	-1:1:
101.00 00.00	000	500	40.1-	•	3	-1.56		5.73	90.
\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	550	4.60	65	J,	ę		ν. γ	6.15	1.22
971.7 UUU.80 11.1 404.0- UUU.84 45. 065.6- U	00.	٠,٠	07	•	ę	۲.	٠,	6.61	0 * * 7
	350	651	,	i					

Table 113. Vertical Electric Field (Well-Conducting Soil), Frequency = 1.0 MHz, VED Height = 0.00 m

1,000	באין שנ	ž ī	7447	re long	Ā	PABSE.	4 . CT.	J.	PHASE	HE IGHT	d w	PMASE
1000 1000	?	200	(5,40)	£	(02)	(.)E()	(E 4)	(AC)	(OEG)	(X	(PQ)	(DEC)
100.00	o :	0 2 2 4	** - *!	200.0	241.7-	13.40	20.0	-7.085	-117.93	000.0	-18.174	-164.97
100	1	77.	17.14.	0.0	16837		000.	F + 7	69.011-	007	B10.61	-157.74
100.0000	5	FC7.1-	10.41		-2.363	-72.11	• 000	-7.60<	-113.74	• 200	-19.832	-149.38
100	ر د د	000.41	10.011	DF 0.	-2.007	-71.43	373.	1 7 9 64 1	-111.61	005.	-20.462	-139.91
1,	315	1111-	20.04	7477	FB0.5-	-70.74	. J < u	-6.067	-104.37	007.	-20.870	-129,63
100.0000000000000000000000000000000000	.15	051.1-	77.77	JC 0.	-3.168	10.01-	061.	-8.277	-101-07	.500	-21.014	-119.03
100	610	101.1-	57.05-	202.	C#2.6-	107.34	797.	124.8-	-10*.73	.600	-20.830	-108.73
1,	12	001.1-	50.04.	010.	-3,31%	-64.04	217.	10.017	-104.35	.700	-20,542	-94.25
1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	÷ 2 ·	-1.610	-34.00	090.	965.5-	-67.43	0.7.	-8.81c	-43.94	.800	-20.036	-90.86
1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	.27	+53.1-	-37.bc	262.	-3.460	-01.42	072.	-8.953	-97.50	00%.	-14.438	-63.66
10, 0, 0, 0, 0, 0, 0, 0,	٠ ص	107.1-	134.46	001.	-3.56	-66.51	005.	-7.078	-93.05	1.000	-18.74B	-77.5
1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	زؤر	707.1-	-37.61	.110	046.6-	-65.73	055.	18. 2	-94.60	1.100	-14.152	-72,36
1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	35	000.1-	10.66-	170	-3.55	10.00-	095.	-4.273	-90.16	1.200	-17.519	-67.95
1, 10, 1 1, 10, 1	33	-1.363	ירםים.	061.	-3.711	-04.30	345.	14.345	-67.73	1.300	-16.411	-64.2
1,000 1,00	∫ •• ∪	1 45 . 1 -	20.0.	.140	-3.707	-63.04	07t.	757°5-	-65.33	1.400	-10.334	-600
1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	ĵ,	1000	7200-	150	-3.861	-64.74	.400	L5.437	-84.96	1.500	-15.790	-58.16
1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	1)	0 k C * 7 -	130.00	797.	6/8.6-	106.20	201.	40.4.VI	-80.64	1.600	-15.278	-55,7]
1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	.51	774.71	ゲト・/ りー	٠, ١٠	-3.76	24.10-	015.	14.400	-78.37	1.700	-14.747	-53,54
1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	, j.	75	47.76-	100	10.404	-00.10	.540	201.7	-76.15	1.600	-14,345	.51.59
	0.57	754.1-	26.75-	767.	210.4-	50.04-	2,5%	17.44	46.64-	1.500	-13.920	8.54-
	0.60	7/4.1-	-3/·3c	002.	cco. **	+5.45-	200.	17.41	-71.89	2.000	-13.521	-4B.26
	,63	764.1-	-3/.18	012.	-4.090	-58.63	350.	14.370	-63.87	2.100	-13.144	18.91
13.53.0	:69	110.1-	120.47	077.	-4.132	-57.96	969.	-4.32c	-67.91	2.200	-12.790	-45.54
1.05 1.05	0	. 1.030	17.65-	06 2.	-4.16/	-57.42	3,00	74.262	-66.02	2.300	-12.454	-44.34
	2,	N 10 . T 1	-30.57	047.	-4.600	-56.54	027.	14.70	-64.20	C.400	-12.137	-43.2
11.01	51.	00.1-	15.05-	062.	-4.631	£5.44.	157.	-4.125	-64.45	2.500	-11.837	-42.20
11.007. 29.10	Σ;	C3C.1-	-10.10	907.	14.660	-55°14	20/•	14.041	-60.77	2.600	-11.552	-41.24
11.014	6	VA0-1-	94.07.	0/2•	982.1-	U4.40	2.0.	9.405	91.6	2.700	-11.282	, O .
10.000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.00000 -0.00000 -0.0000 -0.00000 -0.0000 -0.0000 -0.0000 -0.0000 -0.0000 -0.0000 -0.0000 -0.	, e	K10.1.	-35.10	087.	-4.311	-53.77	7 7 9	0 . 0 . 0 . 0 . 0 . 0 . 0 . 0 . 0 . 0 .	-57.62	2.600	-11.024	-34.50
11.71 1.43.1	2	050.1-	94,45-	042.	26.4-	-53.1v	0 / D	-8.791	-56.14	2.900	-10.779	-38.7
1.72	2	750.11	-35.36	300	-4.354	54.54	3 3 •	, o. o.	-54.72	3.000	-10.545	-37.96
1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,		•			•	:		!				
1.35c - 33.5d - 4.90	C .	16/01-	97.45-	J45.	154.41	ハー・ハナー	000.	-0.222	01.01-	3.500	-9.520	-34.7
11972 - 31441 - 4500 - 4447 - 40.04 1.500 - 7.286 - 39441 4.500 - 7.4094 1.5000 - 7.4094 1.5000 - 7.4094 1.5000 - 7.4094 1.5000 - 7.4094 1.5000 -	? ₹	70011	-35.30	004.	14.400	146.14	3.500	-7.743	-43.48	000.	-8.687	-32.25
11,762 - 31,445	35	000.11	1.75.41	30.4	124.7-	-+3.ca	1.350	-7.286	-34.41	4.500	166.4-	-30.13
-1,1,7,5 - 3,1,5,3 .550 -4,406 -34,18 1,650 -6,476 -34,27 5,500 -6,908 1,650 -6,608 1,65	150	+76.11	131.40	005.	733.31	50.03-	1.500	-6.863	-30.00	2.000	-7.409	-28.35
	165	0/4.1-	20.02-	050.	14.400	-34.14	1.650	-0.470	-33.27	5.500	-6.908	-26.8]
-c.ubu -ce.74 .650 -4.277 -33.87 1.950 -5.808 -28.91 6.500 -6.095 -c.ubu -c.1cb .710 -4.119 -31.25 2.250 -27.18 7.000 -5.761 -c.1cb -c.2.46 .750 -4.115 -30.25 2.250 -5.261 -25.66 7.500 -5.464 -c.1cb -c.2.4 .800 -4.030 -28.68 2.400 -5.261 -25.66 7.500 -4.464 -c.1cb -c.2.4 .800 -4.030 -28.68 2.400 -5.261 -24.33 8.000 -4.964 -c.1cb -c.2.40 -2.3.17 -22.91 2.700 -4.811 -23.15 8.500 -4.964 -c.1cb -c.2.47 .950 -3.77 -24.70 2.800 -4.40 -21.13 9.500 -4.558	90	77.74	-44.63	909.	-4.347	-35.43	3.600	-6.125	-30.92	000.9	-6.474	-25.46
-(561	200.21	-7.07-	9,000	-4.277	-33.87	JCY. 1	-2.808	-28.91	6.500	-6.095	-24.26
-c.15 -c.644 .800 -4.115 -30.25 2.250 -5.861 -25.66 7.500 -5.464	212	140.71	-41.08	2007	707.41	-31.98	Z.100	-5.521	-27.18	1.000	-5.761	-23,19
-c.i> -co.c	522	971.2-	50./2-	JC7.	-4.115	-30.25	2.250	-5.261	-25.66	7.500	-5.464	-22.23
-cii(0 -cii40 -abo -laba -27.41 2.550 -4.811 -24.15 8.500 -4.964 - cii(0 -4.964 -2.47) -24.15 8.500 -4.964 - cii(0 -4.47) -24.10 -1.45 - cii(0 -4.47) -24.70 -4.460 -2.85 - cii(0 -21.11 9.500 -4.858	0 * 0	-6.153	-<0.64	200	-4.030	-48.00	704.7	-5.025	-24.33	9.000	-5.200	-21,33
-2.175 -24.70 .9404 -3.736 -25.91 2.700 -4.617 -22.09 9.000 -4.750 -2.11.13 9.500 -4.558	522	9/1.7-	-47.46	050.	1 3. 4° L	-27.63	2.50	-4.811	-23.15	8.500	-4.964	-20.52
	270	-6.175	27.57	336.	958.5	-25.41	2.700	-4.617	-54.09	000.	-4.750	-19.76
	582	717.7-	-63.57	5 5 5 6	-3.771	-24.70	٥	44.4				

Table 114. Vertical Electric Field (Well-Conducting Soil), Frequency = 1.0 MHz, VED Height = 224.76 m

											_						_	_			_	_		_					_	_	_		_							_	_	_			_		_
DENRANGE	PHASE	(DEG)	-147.13	-139.90	-131,53	-122.06	-111.76	-101-14	-40.61	-81.30	-72.89	-65.66	15.64-	-54.30	-49.88	-46.11	-42.85	-40.02	-37.54	-35,34	-33,39	-31.63	-30.04	-46.59	-47.27	-26,05	-24.42	-23,87	-22.90	-21.98	-21.13	-<0.32	-19,56	-16.28	-13.64	-11.45	-4.56	-7.91	9-0-	-5.12	-3.90	-2.78	-1.74	76	• 1	1.04	1
100.0 KM DOWNRANGE	AMP	(90)	-20.005	-20.080	-21.666	-22,299	-22,711	-22.459	-22,739	-22,394	-21.890	-21,293	-20.654	-20,009	-14,377	-18,771	-18.196	-17,653	-17.143	-16.665	-16.216	-15,794	-15,398	-15.026	-14.675	-14.344	-14.032	-13.736	-13.456	-13,191	-12.939	-12.699	-12.471	-11-480	-10.686	-10.038	105.61	650.4-	18.686	-8,377	-8.117	-7.901	-7.723	-7.578	-7.463	-7,375	
10	HE I GHT	(KK)	000.0	.100	00≥•	.300	004.	• 500	.600	.700	009.	004.	1.000	1.100	1.200	1.300	1.400	1.500	1.600	1.700	1.800	1.900	2.000	2.100	2.200	2.300	2.400	2.500	2.600	2.700	2.800	2.900	3.000	3.500	000.7	4.500	5.000	5.500	000.9	6.500	7.000	7.500	9.000	9.500	9.000	9.500	000
WINHANGE	PHASE	(OFC)	-101.17	-9%.13	-91.02	18.16-	-94.60	-90.31	-87.97	-85.59	-63.18	-60.75	-70.30	-73.85	-73.4]	-70.98	-64.58	-66.21	-63.88	-61.60	-5%.37	-57.20	-52.09	-53.05	-51.07	-47-17	-47.33	-45.56	-43.86	-46.22	-40.66	-34.15	-37.71	-31.34	-20.17	-21.95	-10.44	69.61-	-14.98	-10.80	-4.89	51.7-	-2.67	62.4-	-3.03	-1.85	4
30.0 KM UDWNHANGE	ĀĀ	(9Q)	-8.736	-6.495	->.24B	7 10 to . T -	-4.716	426.4-	-10.126	-10.307	174.01-	-10.618	-10.748	-10.86u	+56.01-	-11.03	260.11-	-11.137	-11.167	-11.182	-11.183	-11.17	1.150	-11.118	-11.077	-11.027	176.01-	800.01	3000 T	10.76/	069.01	119.01	110.524	-10.100	1.4.67	-9.269	+06 · a_	-8.575	-8.296	-8.050	-7.841	-7.664	-7.517	-7.397	-7.303	-7.232	1011
,	Hr I GHT	(KM)	00000	250.	990.	0.00	.100	. <u>i</u> 50	.100	012.	042.	0/2.	.300	066.	095.	277.	774.	.450	.400	015.	.040	0/4.	0000	.630	900	70	07.	UC .	002.		24.0	2	oo 5.	1.050	1.200	1.350	1.500	1.650	1.600	1.950	2.100	052.2	004.7	2.550	2.700	2.850	3.000
WNEANGE	FHASE	(UEG)	45.74-	16.95-	-56.63	-55.54	-54.85	-54.10	-53.40	د1.54-	-52.04	-51.33	->0.0c-	コア・テナー	¥7. ×4-	14.84-	-47.75	50.64	-46.32	-45.00	50° + 51	-44.17	9.40	-42.15	CO - 74-	15.11	60.07	64.45	93.46-	20.00	06.75-	-31.66	-36.55	-33,30	-30.41	-27.3U	-24.58	-44.04	50°51-	-17.50	-15.48	-13.60	-11.85	-10.42	-8.70	1.28	\$ P " C #
IC. C KM COWNEANGE	A	(00)	-4.143	-4.632	-4.314	101.1-	183.4-	195.4-	949.4-	-4.722	CK7.3-	198.	154.4-	-5.00¢	-5.069	-5.131	-5.1.5	-5.650	-5.300	105.4-	-5.41	19.40	15.510	45.55	-5.600	25000	799.5	-2.760	04/4	16.0	17.00.	CC0*C-	13.884	-6.010	-6.102	-6.166	-6.214	-6.644	-6.265	-6.279	-6.241	-6.302	-6.317	-6, 135	-6.359	065.01	07.0
	Ar Lon	(¥	000.0	010.	020.	UE 0.	010.	040.	200.	070.	200.	> ·	001.	011.	· 2 < 0	061.	347.	120	701.	.170	797.	241.	202.	012.	022.	062.	0.52	002	002.	0.7	200	062.	005.	046.	004.	044	004.	950	2000	969.	200.	.750	009.	36.50	000	000	***
OMNEANCE	7 A D C	(020)	-47.00	40.00	C0.07-	-,00	+7.07.	-20.03	70.67-	20.02-	14.07-	143.60	44.47.	-64.77	16.00	16	14.10	-63.30	-63.75	-63.54	-63.33	-63.13	76.73-	1,.33-	-46.51	766.30	21.22	60.12	20.12		12.12	20.10	0	-17.85	-1a.85	00./1-	-10.68	-15.46	-14.78	40°47-	-13.13	-14.63	45.11-	14.01-	24.64		
3. U AM UOMNEANGE	Ā	(ca (ca	160.2-	000.0-	-4.100	-6.133	-4.100	-4.100	713.7-	-6.630	-03.7-	763.3-	415.3-	140.2-	-4.100	746.2-	114.7-	2*** 2*	000.7-	164.7-	910.2-	-r.u4c	C9C.7-	£ 3C • 7 •	710.01	100.7-	100.	000-7-	K ~ / • > •	30,00	00/17-	00.4	7 0 D • V =	K1K*V-	100.0-	D * 7 • 7 -	797.5-	0/5.5-	コアナ・ウー	-3.605	-3.166	340.7-	106.5-	100.1	-4.611	40.4	1
	7E [3H	Î	00000	.003	•00°•	600.	•012	51 n.	0.0	.021	.024	•057	3CJ•	. 33	980	۶. ۱	71	C *C.	5	ار در در	100	760.	9,	0.	0 d		21.	•	0 -	u i	,			501.	• 1.20	÷ 135	. 150	. 165	ુ •	. 1 75	. 416	.225	047	555.	0.Z.	200	337.

Table 115. Vertical Electric Field (Well-Conducting Soil), Frequency = 1.0 MHz, VED Height = 449.52 m

PHASE			-117.15	-108.76	27.60	99-	20.00	-67.74	17.00-	85.64.	42.24	W									-5.72							3.50	4.82	5.68	45.0		15.78										
AMP	(PO)	-20.976	-41.836	-44.043	-63.684	-23.707	-61.863	-23.750	804.67	-22.905	-66.307	900-17-	120.12-	750.304	010.21	-18.670	-18.163	-17.089	-17.245	-16.830	-10.441	0.7	12.61	15.20	10.875	-14.556	-14,303	-14.063	-13.837	-13.624	-12,713	4.0.4	-11-479	-11.072	-10.770	-10.555	-10.415	-10.340	-10.321	-10.351	-10.425	-10.534	-10.674
HE JUHT	£.	00000	001.	002.	9000	004	995.	000	007.	000	000	000.	007.7	200	001	1.500	1.600	1.700	1.600	1.400	2.000	001.7	0000	004	2005	009.2	2.700	2.600	2.500	3.000	3.500		2005.4	5.000	500	0000.9	6.500	7.000	7.500	8.000	8.500	000.7	005.6
PHASE	(Jtc)	97.00	97.00	-78-85	10.01	-74.44	-74.15	-69.81	64.0	70.09	-66.38	-60.12	50,10	1000	10.00	-47.87	140.48	-43.13	-40.43	-34.58	-36.38 3:03.00	****	-36.16	200	100°	-24.44	-24.67	-20.96	-14,30	-17.71	-10.51	77	7.8	5.35	9.7	13.24	10.62	20.27	23.68	27.10	30.62	34.26	34.10
AMT	(PG)	14.433	******	3.45.5	667 • O V	154.01-	059.01-	558.01-	0 0 0 1 7 -	-11.22	795	976.11	100.7	00/-	190-11-	17.010	790.77	-12,10u	-12.125	-12,137	-16.146	cc1.2.	411.21	140.71	200	586.11-	764 . L 1 -	-11.885	-11.835	-11.780	-11.484	17	956.01-	-10.730	-10.574	-10.471	124.01-	~T**01-	199.01-	-10.550	-10.675	-10.833	-11.01B
Ht Ichl	(F K)	0.000	250.	090.) •	•160	05.	100	017.	247	2/2	000.	200	9	2 3	004	064	.510	•	٠, ۲۰	900	000	0 0 0	2,7	27.	787.	012.	940	0/9.	003.	269.	3 5 5	0051	004.1	1.650	2000	1.950	<.100	4.250	004.7	2.550	2.100	C. E.S.D.
FTASE	(Ot. 6)	15.5	-46.63		97.1	95.0	10.00	-74.17	01.01	-37.75	10.75-	-36.33	10.05-	77.00	1	122.73	10.25-	-31.20	-30.3b	-53.84	-29.11	45.65-	10.17	201	14.47	-24.73	-44.00	-63.31	-45.55	-<1.35	17 H. 4	3	19.11-	07.0-	.00	-1.75	1.50	P. 18	6.13	11.50	15.17	18.77	₹3.03
Ą	(DB)	14.445	555.4-	5,003	21.0	-4.745	1,0.1	795.4-	10.04	-5.124	.0.40	7.580	75.0	10.1	100	1	-5.713	-5.789	15.857	-5.963	15.484	10.01	0 -	1	40,40	-0.304	-0.464	-6.483	7+0.9-	-6.340	-6.817	-7-144	113.2-	-7.077	836.1-	-6.624	-6.565	-8.837	7.1.4	+75.4-	004.4-	FF0.01-	-10.718
7F [6H]	Ñ Y	2000	2 .	0.70	20.	3	oco.	200	0.0	000	2	3	011	021.	3	761	701.	170	.160	0 × 7 •	207.	017	027	3 1	347	707.	012.	087.	247.	200.	v č£.	314	• •	200	Jec.	000.	.650	006.	,750	000.	363.	30A.	355
PHASE	(UEC)	-17.55	** * * * * -	51.1-	76.01-	-10.7	00.01-	\7.01-	90.01-	10.01	-10.60	77.67	*7°C1	00.0		¥1.	91.41.	-1.0.47	-13.16	44.6.6.4-	66.61-	27.61-	06.71-	1		50.71-	-11.63	10.11-	04.77-	-11.10	000	,	10./-	-0.00	4.0.4	02.50	VB. N.	05.4.	£0	1.54	۲۰۲۶	5.13	1.40
T T	(00)) A.A T -	*20.2-	150.2-	610.7-	101-2-	-6.130	CQ1.7-	541.7-	077.7-	962.2-	002.7-	75.36	266.24	7		00.0	-4.363	466.2-	C4C+7-	760.2-	3/0.7	00/1/	101.11	/ 5000	000.7-	C14.7-	264.24	-6.443	010.11	1976.	1	10/11	NO2.1	2000	91/**-	117.5-	100.5-	108.4-	F0000-	120.0-	156.1-	C14.1-
THO! HE	ž Ž	0000	. t 0 .	90.)•	, ·	• C] Z	C. I. J.	٠٠١٥	127.	•5°•	131.	٠ ١		000	1	1 4	0	1€7.	400.	15.1	000.	60.	000	27.5	4	220	T .	\$	100.	06 n •	105	-	2.1.	153	165	0.0	54.	.(1)	, 255	0.5.	• 255	34.5°	582.

Table 116. Vertical Electric Field (Well-Conducting Soil), Frequency = 10.0 MHz, VED Height = 0.00 m

PHASE	(0)	-130.31	-34.48	-26.94	-24.44	-43.16	-22.36	-41.80	-21,38	-<1.03	-20.75	-20.50	-40.28	60.02-	7.0		97 01-	-19.30	-19.17	10.61-	-18.92	-18.80	-18.69	-18.58	-18.47	00.01	97.91-	90.41	-17.97	-17.87		7	10.71-	79.01	92.91-	10.01	DA - 0 - 1	90.01-	74.41	96.4	-14.13	-13.87)
dwa	(80)	-57.580	-46.121	-34,955	-36.383	-33.875	-31.947	-30,383	-24.070	-47.939	-46.948	-20.067	-42.674	*****	0.00.00	223,509	22.205	-21.716	-21,258	-20.826	-20.419	-20.034	-14.668	-17.320	686.81-	7/0.01	777	400.01-	-17.537	-17.281		201-01-	-15.160	-14.363	165.51-	546.21-	905.71	146.11		-10.565	-10.208	-9.878	
ME I GHT	(H.)	00000	001.	.200	000.	704.	004.	009.	.700	.800	004.	1.000	001.1	002.	000	9		1.700	1.600	1.500	2.000	2.100	2.200	2.300	2.400	0000	200	2.800	006.2	3.000		2000	000.	000.	000.0	0000	>>	000	2005	000	9.500	0000) : i
PMASE	(UEG)	-123.40	-67.60	-44.34	-35.73	-31.42	-50.84	-21.10	-25.85	-24.89	-54.13	-23.51	56.22	*6.22	00 100	04.14.	12.1.2	-20.95	-20.71	57.02-	-20.28	50.02-	-14.40	-19.73	95.47	7 7 7		-10.47	-10.84	-16.70	3	17.07	95-11-		89.01-	00.4	00.01	5.5.5	33.51	-14.60	-14.32	-14.05	1 4
Ą	(PQ)	-47.071	-*5.05B	-40.117	130.647	-24.124	-32.167	-30.576	-69.639	060.87	-47.084	-CD. 188	100,000	*****	27.	101	-67.276	-41.784	-41.319	-cu.884	-<0.473	180.02	212.41	505.41	150.61	77.01	201	-17.837	-17.569	-17.311	414	001	27.5	0000	1000	745.01-	7 0 0 1 1	7 46 - 11-	096 01-	-10.570	-10.211	198.6-	
HE IGHT	(¥¥)	00000	080.	000.	050	.140	061.	001.	012.	047	27.	005.	000		2	3.1	100	.510	.540	.570	000	•630	.000	9	02/	06.4		2,0	0/8.	204.	j		002.	2000	000	000) ;	2001	2.250	004.2	2.550	2.700	
PHESE	(UE 6)	-160.05	-105.31	-63.04	-66.65	-22.72	P. D. D.	17.54	-34.53	-36.69	-34.47	-36.08	12.10-	- A - A - A - A - A - A - A - A - A - A	74.02.			-45.00	-25.34	-24.81	-24.34	-63.71	-63.56	<1.62-	10.22	200	17.17	50.12-	-21.39	-<1.16	61	31.03.	07.	10.01	16.71	0.4	100		10.08	-15.21	-14.87	-14.55	
AMP	(B)	-37.384	156.75-	190.25-	-35.446	-33.686	-36.000	-30.665	-47.364	-40.440	-61.653	-46.364	000.02	120.42	7.7.	15.	-22.415	-61.914	-61.445	-<1.003	-40.500	-<0.191	Z10.41-	704.	521.61-	000	27	-17,912	-17.641	-17.380	6	200	13.663	****	100	100.31	-11.874	-11.402	-10.01-	-10.580	-10.220	088.0-	
TE ICHT	(M.K.)	00000	3T0.	020.	25.3	040	000	9	20.	20.	0.00	007	77	9	3	30	091	.170	001.	.1.50	oo?•	012.	022.	052.	0 2 7	9	022	082.	067.	900	į	1	2 3	1	. 1	9	, ,	007	120	300	.850	207.	
FHASE	(UE 6)	-163.54	37.011.	15.5011	-106.86	.v. d.		6/ *29*	16.01	7/11/-	20.10-			, ,	1, 10 C	13.03	64.64-	44.00	6.37	18.01-	C4.VC-	1,00-	70.75	46.00	06.40	0	55.00	-31.63	C4.06-	16.06-	X	1	71.5	30.07	04 - 1	76.07-	19.61	02.01-	-10.01-	-17.42	-10.87	-10.37	
1	(00)	-20.403	16/107-	28.607	000.77	166.07	100.02-	320.02	107-02-	67.67	-23.07.	25.190	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	27.00	-26.001	-24.463	144.17-	-21.51U	-21.105	-20.115	105.02-	740.02-	0,000	0000	7,7,0	1 2 4 4 5 5	-10.104	-17.871	-11.001	-17.373		447	10.1	, , ,	10:00	-16.61/	-11.07.	-11.410	-10.484	-10.590	-10.000	-7.875	
TE I CHT	£	000.0	000	0 0	N .	7 7	0 0	0.0	170	100	200		3	6.5	240.	10.	840.	150.	. 54	.057	1000	200.	0 1	,		7.9	90	187.	.087	060.	20.5	000	3.0	1	2 4	0	165	210	. 625	047.	. ¿55	.270	

Table 117. Vertical Electric Field (Well-Conducting Soil), Frequency = 10.0 MHz, VED Height = 22.48 m

1 0										
	PHASE	HP I GHT		PHESE	ME IGHT		PMASE	ME I GHT	A	PHASE
	(UEG)	(M.K.)		(UEG)	(F.A.)		(OEG)	(KA)	(AC)	(050)
	-74.36	0000		¥7.8/-	3 3 0		-74.37	0000	-56.856	79.70
_	-01.05	0 0	707.75	10.55-	050	104.04.	90.7	200	30,030	10.13
20,310	94.44-	25.04		45.91-	22.	-	14.79	300	-35.658	26.17
750.44×	-46.53	0+0.			120		19.10	004.	-33,151	27.45
2	-37.76	050.		1.50	150		51.69	.500	-31,223	28.25
n	£4.66-	090.		7.02	.180		23.43	004.	-29.060	28.81
_	10.12-	0/0.		10.76	.210		24.68	.700	-24.347	29.54
ţ	-<<- 34	000.		13.60	0*2*		59.62	.600	-27.218	55.62
,	-17.03	040.		15.63	.270	-	26.41	006.	-26.228	29.88
,	-13.44	001.		17.62	305.		57.04	1.000	-25,348	30.14
`	24.73	011.		14,10	330		27.57	1.100	-24.557	30.36
-23.611	74.01	.140		A 0. 0 A	.350	-	20.05	1.200	-43,838	30.57
2	3.50	J. 30		04.12	046.	-	20.42	1.300	-23.181	30.75
	70.1	0+1.		42,34	024.	•	26.78	1.400	-22.577	30.93
ū	1 . 1	150		23.13	054.	•	27.10	1.500	-24.017	31.09
0	50.0	701.		23.04	784.	-	24,39	1.600	-21.496	31.25
21,010	1100	170		24.42	214	-	24.66	1.700	-21.010	31.40
;	1.16	001.		45.06	240		29.91	1.600	-20.554	11.54
-24.661	0.65	0.41.		65.65	45/0		30.15	1.500	-20,125	31.68
Ū	10.01	000.		46.00	0000	-	30.36	2.000	-19.721	31.81
Đ	11.30	012.		26.50	0000	-	30.57	2.100	-19,338	31.94
ű	14.34	022.		26.41	.000	-	30.77	2.200	-14.476	32.07
-io.oct	13.63	062.		67.30	2,0,0		30.96	6.300	-18.631	32.19
2	14.04	047.		CO.12	.760		31-14	2.400	-18.303	32,31
`	15.58	U62.		67.43	.750		31.31	2.500	-17.990	32.43
c	10.45	197.		28.30	.780		31.48	2.600	-17.692	32,55
Ç	1/•46	0/7.		78.00	010.		31.64	2.700	-17.406	32.67
U	10.02	182.		48.8X	240	-	31.80	2.600	-17.132	32,78
U	10.73	062.		29.16	0/ 0.		31.95	5.900	-16.869	32,90
ţ	14.41	005.		14.47	004.		32.10	3.000	-16.617	33.01
ņ	(7.77	.350	-15.610	30.56	1.050	-15,525	34.79	3,500	-15.491	33,56
*	44.47	204.	-14.649	42.16	1.200	-14.574	33.44	000.4	-14.545	34.09
,	40.31	304.	-13.858	36,39	1.350	-13.763	34.04	4.500	-13.737	34.61
30	47.85	004.	-13.120	33.17	1.500	190.61-	34.62	2.000	-13.038	35.12
, 1	< X . 18	.550	-14.502	13.90	1.650	444.21-	35.19	5.500	-12.428	35.63
2	30.37	009.	-11.959	34.59	1.600	-11.910	35.75	000.0	-11.892	36.14
-11.586	34.45	9000	-11.478	35.25	1.950	-11.434	36.30	6.500	-11.417	36.66
٥.	36.44	200.	-11.052	35.89	2.100	-11.010	36.84	1.000	-10.995	37.17
y	13.36	95%	-10.672	36.52	2.250	-10.633	37.39	7.500	-10.619	37.69
2	34.24	9.00	-10.333	37.14	2.400	-10.296	37.94	8.000	-10.282	38.22
•	10.66	.850	-10.030	37.75	2.550	566.6-	36.49	8.500	-9.982	36.75
7.070	32.66	003.	-9.75B	36,36	2.700	-9.725	34.05	9.000	-9.713	39.29
4.615	30.00	3	1							

Table 118. Vertical Electric Field (Well-Conducting Soil), Frequency = 10.0 MHz, VED Height = 44.95 m

	;		 							
FIRSE	Ĭ	Troj Jr	T M	rnasc	Mr Juni	AMA	PMASE	ME IGHT	AMP	PHASE
() E		Ē.	(PO)	(OF 6)	Î	(BO)	(UP.6)	(FY)	(PO)	(DEG)
	2		400.25-	-51.74	3	104.27-	-54.73	000.0	-52.468	-53.06
			701.70	158.30	2000			001.	904.14-	42.76
			017.09-	10.28	20.5	257 171	10.00	002.	135.646	200
			Je1.42-	<1.CU	071.	354.67-	45.75	0001	10.77	10.44
			126.12-	40.02	uci.	205.72-	40.35	004.	-41.237	34.40
			160.07-	13.01	· lac	-65.913	50.09	0000	-45.675	55.48
			620.42-	74.75	017.	-c4.57b	51.35	.700	-44.363	54.44
			67.63	70.0	0 * 7 *	-63.431	54.33	0000	-63.635	56.27
			171.77	10.2	2 7	974.75	11.65	004.	-22.547	56.58
			00011	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	000	-61.534	د/ • د د د ۲	000.	-21.369	56.84
				20.64	0000	567.02	42.46	1.100	-20.579	57.08
			200	00 - 1 - 1	nor.	000.00	24.76	1.200	-14.463	57.30
			7 7 7 7	0 1))	2 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	81.64	000.1	-14.608	57.51
			1		1	133	55.56	1.400	-14.006	57.70
			77.7	24.4	1	\$01.01	55.40	1.500	740.81	57° BB
				99.	00+	0.00	20.21	7.000	-17.531	28.06
			770	20.10) (/51./1	50.50	7.00	-17.048	58.23
			2 - 1	06.10	10.	660.01	20.78	1.600	-10.595	56,39
			30.01	0 7	0.4	12.01	57.03	004.1	-10.10	78.56
			-17.61-	21.0	2		7,1	000	80/-51-	20.12
	_		13.344	7.		101 41	20.00	2000	060.01	10.00
			244.41-	15.45	3 P	-14.777	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	002.2	160.67-	
			F90 ** 1-	0, 00	.740	055.51	56.17	204.7	44	3
			1 46 . 24 /	10.55	UC1.	-14.140	50.30	2.500	-14,058	34
			114.046	52.43	.780	-13.843	50.54	2.600	-13.764	40.45
			-13.728	22.10	010.	143.560	50.75	2.700	-13.403	35.40
			204.61	50.05	.640	-13.287	24.97	2.000	-13.51-	50.65
			122.61	04.00	0/0.	143.030	27.17	2,900	-12.957	60.10
			996-71-	20.70	· •	-16.781	5 * • 35	3.000	-14.710	60.65
			,							
, · · ·		155.	-11.84/	53.08	7000	-11.670	60.27	3.500	-11.612	61.02
¥2.20		201	116.01-	34.46	1.600	-10.758	61.18	0000	007.01-	61.81
04.40		•	-10.132	01.10	UCE - 1	184.4	90.20	4.500	056.6-	62.02
55.38		3000	101.41	10.10	1.500	-7.324	64.44	000.5	* 27.4-	44.54
22.14		٠ د د	18.840	21.20	1.650	-0.757	2000	200	707	7
27.00		2000	146.34	50.€0	2000	-8.267	74.4	000	77	1
16.10		650	-7.406	54.45	1.430	-7.543	34.00	9	120	1
14.20		00/.	+45.1-	60.03	uu	-7.476	50.00	7.000	7 4 7	77.74
24.40		٠,75	-7.272	67.60	4.630	-7,158	60.01	2,500	7 - 7 -	0 K 27
67.50		000	165.01	60.47	VO4.7	-6.884	11.44	000	1	200
31.10		- Q 2 C	-6.754	64.11	UC4.3	1.0.0-	70.37	000.48	700	7
04.00		200	10.047	71.00	<./	10.445	74.54	500	-6.40A	71.73
10.07		٠ د د د	-6.374	16.34	0CB.2	-6.273	74.83	000.7	-6-637	22.7
16.09	~	000.	-0.427	13.73	3.600	-6.128	74.17	10.000	6.00	74.37

Table 119, Vertical Electric Field (Well-Conducting Soil), Frequency = 100,0 MHz, VED Height = 0,00 m

1000	ň	ביון שר	Ā	PHA SE	at lon	A	PHASE	HE I GHT	AMP	PHASE
2000	~	(KM)	(104)	(UEG)	ξ¥)	(0B)	(O#6)	(MA)	(PO)	(DEG)
*T * 7	,	0000	177.47	42.24	000.0	456.45-	60.16-	0000	104.400	-94.B]
-64.5		5 00.	0.c.	-200-	o ₹ o •	146.664	-14.77	000	146.747	-6.57
75.64		9 :	C15.04-	-66.30	270.	7.7. OT	80.0	090	140.820	1.5.6
000	n.	* \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	74.74	70.01	000.	10,000			134.476	04.6
47.67-	. •	1 1	107.	4	9 0	0.00	14.78	200	925.476	97.79
44.4	. ^	2.0	004-(5-			26.4.16-	1	001	-31.431	-3.03
10.01-		170	71107-	76.7-	777	-30,133	40.4-	012	051.05-	-2.92
-10.7	_	420.	166.97-	-7.66	20.	-42.014	-3.61	0.240	-29.009	-2.83
-13.04		121.	-68.017	-5.03	3630	-ca.027	-3.62	.270	-28.024	-2.17
10.61-		253.	-67.143	-6.10	001.	-47.15U	-3.47	.300	-27.147	-2.73
-14.38	_	260.	-66.356	-5.77	.110	-46.360	-3.35	330	-46.358	-2.06
19.11-		9£ 0.	-65.637	17.44	077.	749.57-	-3.65	.360	-25.640	-2.62
00.01-	_	¥5 O.	-64.383	-5.17	.130	-54.985	-3.16	966.	-24.983	-2.58
21.01-		740*	-64.378	14.43	0+1.	-64,379	-3.0B	024.	-24,377	-2.55
14.50	_	V.	118.62-	21.2-	061.	-c3.81/	-3-01	.450	-23.816	-2.52
44.00	_	p	-43.63-	14.04	. 100	-63.65-	-4.95	084.	-23.293	-2.49
9.00	_	140.	-KK. BUB	14.30	0/1.	C00.22-	68.2-	.510	-62.804	-2.47
4.1.2.		\$C.0.	-66.341	-4.63	.100	-42.346	-4.84	.540	-22,345	-2.45
-7.00		150.	-61.115	01.4-	0 K T •	+[6.17_	-4.80	۰, ۲۰	1.912	-2.45
×**/-		700	-61.506	¥	2020	-<1.505	-4.76	.600	-21.504	-2.40
· · · ·		100.	-61.160	5 ° 7 -	015.		-4.72	.630	-21.117	-2,39
76.75		• • • • • •	-64.153	-3.78	777.	-40.75	-4.68	.660	-20.750	-2.37
-0.00		100	504.02-	40.6-	.630	704.07	-4.65	0.69	-50.401	-2.35
13.4		7/0.	0/0.00-	10.0-	147.	490.07-	-4.62	.720	-20.068	-2.33
77.0-		c/ 1.	75/ 61-	14.54	nc2.	19.751	-4.53	.750	-19.750	-2.35
.0.0		0/0.	011.411	- J. 4D	200.	17.467	-4.56	. 780	-14.446	-2.30
0	_	100.	-14.157	40.4	062.	17.156	-6.53	.610	-14.155	-2.29
10.68		100	-18.877	- 3, 3,	002.	-18.876	-4.51	048.	-18.875	-2.27
20.0		.00.	110.01	-3.67	047.	-18.607	-4.48	.670	-18.607	-2.26
٦٤٠٠٠/))	755.81	-3.66	200	* 18.36v	94.7-	907.	-18.348	-2.25
2::7	^	.105	061./1-	-4.40	330	-17.18V	-4.36	1.050	-17.188	-2.19
ñ.	,	177.	-16.246	70.7-	777.	-16.205	-4.28	1.200		-2.13
٧.٠	-	دا ۱ .	-15,357	-4.00	304.	-15,356	-4.21	1.350		-2.08
5.5	,	Jet.	-14.613	.6.53	.500	-14.61	-2.15	1.500		-2.03
1.5.	3	.165	-13.954	-2.43	255	-13.953	-2.09	1.650	-13.953	-1.99
7:	,	.100	-13,365	-6.34	900	-13.365	-4.04	1.600		-1.95
7.5	ņ	341.	-16.835	-4.40	000	-12,834	66 • 1 -	1.950		-1.91
7	~	012.	-16.354	-2.18	.700	-12,354	-1.95	2.100		-1.88
	,	577.	-11.416	-2.12	.250	-11.916	-1.90	2.250		-1.84
-4.6	v	047.	-11.515	-2.06	009.	-11.514	-1.87	2.400		-1.81
-4.5	_	ć ć5.	-11.146	-2.01	0 C D .	-11.146	-1.83	2.550	-11.145	-1.78
7.7	Ņ	٠٧٧.	-10.802	1.46	227.	508.01-	-1.79	2.700		-1.75
	~	1	7,11,1							
	2	703.	OF 2	16.1-	3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3	364.01-	-1.76	2.850	-10.490	-1.72

Table 120. Vertical Electric Field (Well-Conducting Soil), Frequency = 100.0 MHz, VED Height = 2.25 m

										Į.	
₽E IGHT	Ą	PHASE	ME IGHT	AMA	PHASE	HE IGHT		PMASE	ME IGHT		PHASE
î		(DEG)	(A.R.		(OEG)	(£7)		(UEG)	¥.		(0)
00		-40.47	00000		24.64-	0.000		-47.75	000.0		-47.B5
100		-21.63	.003		05.6	010.		34.17	0.030		¥6.04
200		-3.65			24.51	200.		34.36	090.		42.49
00		4.07	A00.		31.03	067.		40.46	040.		43.20
3		10.24	•016		54.45	040.		41.52	.120		43.50
2		61.43	\$10°		36.50	000.		44.16	.150		43.75
9		27.c2	970.		37.90	000.		44.59	087.		44.64
200		<7.86	120.		38.90	2/3.		44.91	012.		44.05
900		47.56	* 70.		35.00	200.		43.14	072.		44.14
000		31.63	. u < 7		40.45	353.		4.3.33	0.4.70		44.21
=		34.98	0 to 3		40.73	.100		44.64	005.		12.44
=		34.10	200.		41.14	011.		43.61	085.		100
715		35.04	950.		41.45	271.		43.72	360		44.37
Ξ		35.84	. U.34		41.74	06.4.		4 4 4 4	27		1 1 1
7.		30.55	740.		*1.75	7		25.4	074		1
510		27.13	(40)		7	Ī		3 7			
9		37.00	23						1 4		
1		\ \ X	1		1 1	9					26.
α.		3 1			00.0	2		! :	014.		44.00
0 0		10.00	00.		* 6.7	781.		71:44	.540		14.78
* 6		36.95	, co.		17.01	.170		44.22	075.		10.77
2 7		37.60	090.		14.24	.400		44.67	.600		14.04
7		70.25	500.		40.04	217.		44.30	.630		10.75
2		37.00	.066		43.60	077.		44.37	. 660		44.70
2		21.0.	700.		43.36	v63.		14.41	2000		44.73
5		40.36	2/0.		43.34	047.		44.45	.720		44.15
2		40.04	470.		43.40	962.		アオ・オオ	750		44.70
8		20°24	910.		43.30	102.		44.53	.700		44.81
27		FF.04	100.		43.04	012.		44.57	019		44.B3
23		/1.14	,		43.12	107.		19.44	1		44.00
53		41.34	.007		45.73	0670		70.77	0/0.		10.11
30		41.51	7 7 7 7		43.40	200.	112.471	44.03	004.	-15.474	14.71
35	-14.366	02.24	4105	-14.347	44,10	000	16.34	3	2	3 + 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	4
0.40	13.404	44.15	071.	-13.187	1	3	7 7 7 7 1 -	00.11			1
5 0 0	-10.503	4.1.00	1	405.77	1 1		100	20.00	002.1	\$ 10 ° 0 ° 1	67.0
20	11.8/0	1	3		7				000.1	200 21	
· v	417.6	3	1			0 :	1,00	00.0	006.1	659.11-	* 1. C.
1	7 4 4 5 1		0.70	622.11	7	000	11.610	45.53	1.050	-11.213	45.65
2 1	10001	7	001.	7/0.01	٥٤،٢*	200.	10.663	45.72	1.800	100.01-	12.86
6	702.01-	44.00	٥, ١,٠	-10.101	45.54	300	-10.173	16.67	1.350	-10.170	46.00
2 1	10.	~ ~ * * *	0.420	52.51	45.41	00%	- 4.735	40.11	2.100	-7.732	40.14
τ.	1/5.4-	17.64	577.	146.4-	40.02	051.	-4.343	40.32	2.430	340	40.40
9 0	~ TO • ~ -	42.57	047.	-6.978	40.64	000.	166.81	40.54	004.2	10.400	40.64
ξ.	70/-0-	*n•aa	\$47.	-8.661	40.74	069.	-4.67*	40.17	2.550	-9.67	\$0.01
9 1	/ 11.0-	46.18	072.	045.81	46.00	005.	-8.388	47.01	2.100	-6.380	10.73
'n	2	4	1								
	•	100	70.9	F6.139	10./1	3,430	-8.132	1/0/4	058.5	1 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	1.14

Table 121. Vertical Electric Field (Well-Conducting Soil), Frequency = 100.0 MHz, VED Height = 4.50 m

BNRANGE	PHASE	(056)	200			61,51	62.25	62.58	62.81	62.97	43.00	91.64		0.00	0.50	63,39	63,45	63.51	63.56	63.61	63.66	63.70	63.75	63.80	63. AS	9.00	70	000	***	***		***	64.19	64.25	64.30	64.36	34 74	44	65. 32	70.00	7. 44	17 77	47.12							71.12	11.41
30.0 KM DOBNRANGE	AMA	(90)	144 647	707		-33,808	-30,325	-27,866	-25,967	-24.424	23.126	200 001	200	620.12	20.136	-19.366	*14.652	-17.999	-17.398	-16.842	-16.324	-15.841	-15.388	-14.962	-14.561	14.181	1 2 9 2 2	330.61	771	001.01	0.0.71	166.21-	-12.269	-11.999	-11.740	-11.492	200	74.04	404		944		7	10.0			10.61	74.5	10.60	2000	776.0-
	ME 16HT	. T			2	090	060.	.120	.150	180	0.0	046	2 6	2	300	.330	.360	390	.420	.450	084.	.510	540	570	909	96.4	944	904	•		000	09/	018.	049.	.870	000		200	350		200	000		0000	2000	200					7.04
WNRANGE	PHASE	5	26 46	1		5/136	57.47	60.53	61.18	61.61	6.03			15.30	64.53	62.67	62.29	62.90	63.00	63.09	63.17	63.25	63.33	63.40	63.47	6.3.53	4.60	24.44	7	5.00	00.00	90.00	63.92	63.69	64.05	64.12	37 77	1	90.5	9 0	000	200	7.07							20.17	71.92
10.0 KM UDWNRANGE				100																								13.491									005	000	705		-7 437	0 0 0		900	-6.80	464	070.01	200	17.0	0000	3FA-4-
	HE IGHT	(H)	0			070.	25.0	040.	050.	190	0.70	1		2	201	011.	021.	.130	.140	.150	797.	.170	180	190	002	2 - 2	200	24.0	240		000	200	.270	.280	.290	200.	4	1	054	1		9 4	9 4	200	2 4		0		•	000	1.00
WNKANGE	PHASE	(0)(0)	77 06-	7 1	9 '	14.54	50.00	53.40	55,48	26.83	7	1		0.0	0.40	60.15	44.00	60.73	61.05	61.27	61.48	61.67	4 P	7.	47.	1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	200	14.20	200	05.00	0/ 20	18.70	62.97	63.07	63.17	63.27	77 64		4 4	20.00	00.00	30.00	200	200	67.00	36.0	20.00	10.00	000	90.0	11.15
3.0 KM DOWNHANGE	AMA	(90)	405 - 4-	100		-13.405	-30.185	-47.817	-45.95d	-24.436	73 144	200		751.000	-CD.189	17.405	-16.693	-18.041	-17.440	-16.684	-16,367	-15.884	-15.431	-15.005	404-41-	700 77	744	100.01	1000	061.01	688.71-	566.21-	-12.311	-15.041	-11.782	-11,534	0.7	0.00	- B - 734	9 0		000	707	66.07	1000	1 1 1 1 1	10.01	976	0000	200.0	164.45
	HE IGHT	(XX)	97.0		•	900	7 0 0	710.	410.	910	3	1		770	20.	.033	960.	¥20.	740.	740.	840.	160	460	750.	040		2 4	9 4		2.0	0 :	2	180.	, 084	.087	070	90	1	4	1	94.	1	907		500		***	070	196	000	, 300
WNRANGE	FHASE	(UE)	14-17-			12.60	74.17	35.05	40.04	43.48	1, 04	1		0.0	19.10	20.05	53.57	77.45	44.44	50.11	20.00	₹1.1c	45°7c	27.75	ž.		1 1	000		10.40	6.0	50.00	47.09	90.00	90.09	90.00	14	77.74	4 4		10.00		77		7,7	200	200	0 4	20.05	000	17.61
1.U KM UOWNRANGE	I I		~																									120.01									100	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0			7 2 2 7 7	1000	224	2 4			10.4		1	¥01.0-	10.036
	AL ICHT	(M.X.)	000			200	.003	* 00 *	002	900.	0.07	0			010	110.	-015	.013	•010	.015	.016	-017	810	619	0.00			300		100	622	910	.027	• 028	.029	• 030	יר קי		140		י ט ט ט ט ט ט	1			, r	0	0 0			660	001.

Table 122. Radial Electric Field (Well-Conducting Soil), Frequency = 0.1 MHz, VED Height = 0.00 m

1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1						
	10.10	ì	3	100	4 7	1
1000 1000			2 5		(10.)	(1.70)
11 100 101 101 101 101 101 101 101 101	-	,		1	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	1
	>	,				4 4 4 7 1
	2011		20001		10.00	20.00
				•		
			11.501	006.	L .	
11.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1			124.03	1.000	1	1/3.//
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	-140.01 10.041-		1133.00	7.000	170.000	-176.55
11.1.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.	000° CK.061-		41-141-	1.000	120.020	-171-14
	1130.11	155.431	01.4+1-	661.0	121.350	-167.51
	UDI 00.001-	-36.333	05.641-	004.7	コプロ・ロイー	-167.61
11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	004. 63.161-	-30.045	15 . + + 1 -	601.0	-20.000	-165.37
	-165.3c 1.000	-31.353	75.1.1-	3.000	J. 1. 4	-166.54
	-		1001-	3.500	240.04-	-157.4]
			10.04	200	016.14-	
1	•				140-74-	
	•		30.4	77.7.3	23.71.5	10.44
**************************************	• •			3 3 3	760	3, 4,
					1 1 2	
	-		10.011	•		00.01
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	_		F7.F07-	2710	+ T+ 0.	-113.04
11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	-		-104.01	20400	40, 100	10001-
0.00	304.1 14.14-	•	* D • C * -	2.100	176.300	16.04-
1	-010-13 C-000	U14.71.	-01.03	C. 600	0/0.5.4	-74.03
0.001	-46.41	C #E + 34- 1	-56.67	3.500	114.470	-63.74
0.0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	•		-15.83	0.000	195.57-	74.64-
0 1 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2			104.00	004.0	C 45 47 1-	-47.03
1			02.40-	1.600	264.1	-43.40
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	,		-54.7b	2000	1.016	U
2000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0			-54.70	220	041.01	-30.47
1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2			17.1	20100	3112	-135.72
0.000 0.000			7	203	10.00	4111
0.1	. `			200	180.70.	75 4 7 1
110 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				. :		
1	no.		05:1	•		
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				:	: :	
1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		ı	1.2.16.	701	000	
**************************************		'	100 · CO	1000	•	1/001
> 0 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	1	•	Ca. 1	105.51		
A10.01.01.01.01.01.01.01.01.01.01.01.01.0	000°C 50.22-	1 -67.350	12.61-	15.000		ir.t.
27 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	JUL . C UL. VI-	1-64.36	11.01-	220.01	260.170	-13.61
ロンサー 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		1 -61.310	rt. t - 1	13.600	-61.13-	-14.24
0.000 - 100	PUC-4 1-001-		-13.61-	17.300	-66.400	-11.7
10.000	2000-1 /2		-1/-10	11.000	-65.35	00.11-
100000			-11.60	646.30	764.51	16.01-
10110	-		10.11	0 0.47	-21.16.7-	75.6-
			14.1	コルス・ベン	"c 3. Car	- 7 - 33
	D00.1	111.00- 1	ct.,.	300017	+44.22-	
7			1	107.45	7-16.346	
/ • 1 / •	-		1	111111111111111111111111111111111111111		

Table 123. Radial Electric Field (Well-Conducting Soil), Frequency = 0.1 MHz, VED Height = 2247,60 m

HE 16HT		FHASE	AL IGHT	AMP	PHASE	HE IGHT	A	PHAS
Ŷ	(20)	(OFG)	(XX)	(a)	(UEG)	(FR)	90)	(OEG)
2	-36	61.53	303.0	192,561	154.51	222.2	-33,801	57.7
2	-3.	-124.60	.100	-33,647	-147.86	300	-34.294	-169.9
9	-33	-120.67	002.	-34,023	-146.40	. 600	-34.811	-166.9
2		-110.42	300	-34.409	-144.BJ	204.	-35.353	-167.8
0	•	-116.06	004.	-34.805	-143.07	1.200	-35,923	-166.6
0	-34.00	-113.59	005.	-35,210	-141.17	1.500	-36,525	-165.3
2	-34.669	-111.00	000.	-35,623	-139.08		-37,161	-163.7
0	•	-108.30	.700	-36.042	-136.79	2.100	-37.834	-161.90
ç	٠	-105.50	300.	-36.466	-134.46	7.400	645°86-	-159.9
2	-34.	-102.60	705.	-36,691	-131.48	2.700	-39,308	-157.4
2		79.66-	000.1	-37,313	-128.44	3.000	-40.134	-154.5
8	-34.	-96.57	1.100	-37,728	-125.06	3.300	-40,968	-151.0
8			1.400	-36.128	-121.37	3.600	-41.866	-146.8
6			1.300	-38.505	-117.35	3.400	-42.798	-141.7
2			1.400	-36.850	-112.78	702.4	-43.740	-135.3
S		-63.57	0051	-35.153	-108.29	4.500	-44.643	-127.5
8			1.600	104.50-	-103.30	108.4	-45.430	-118.0
2			1.700	-39.585	-98.06	5.100	166.5*-	-107.0
9			1.800	199.66-	-92.66	5.400	-46.222	-65-
2			1.400	134.730	-87.17	5.700	-46.073	-83.0
8	-34,002	-600-75	2.000	-39.685	-81.71	9.000	-45.586	-72.00
8			2.100	-39.563	-76.37	9.300	-44.864	-62.4(
3			2.200	~	-71.22	0000	-44.017	-54.44
e			300	-34.120	-66.35	•	-43.127	6-24-
ន			004.7	-38.820	-61.79	7.200	-42.244	-42.6
20		ţ	7.500	-36.48]	-57.56	7.500	-41,393	-36.3
8		•	7.606	-18.114	-53.67	7.800	-40.586	-34.84
2	47.56-	:	4.700	-37.728	-50.12	9.100	-39.851	-31.8
940	~	7	008.7	-37,331	-46.44		-39,115	ე ი
20	-36.89		000.7	-36.958	÷	8.700	44.0	-27.5
8	7	-45.56	3.000	-36,525	-41.26	•	-37,824	4
20		•	005.1	96. 46.	-37.06	40.544	106.26-	7.67-
2		7	930.4		77, 76	; ,		,
2 6		`	3000	100.10	7 7 7	2004	1000	
2		•		744	7 4 4 1	700	1000	
2 6				207.0		000	007.0	1
200				100	1	000		1
, c		74.4	200	747		0 1	446	7
2 6				1000	•	202	469 47-	
2 0			200			200	10.00	
2 6			9 6	20.02		000.22	C 2 . C 4 . C 4 . C . C . C . C . C . C . C	
2 6			000	177.67	00.	000.4	462.63°	0
2 6	267.62-	24.11-	000.0	-44.666	//-0-	25.500	- C4. DB3	9/ 1
9 1			000	-64.100	\$0.0°	7.000	761.47	~ .
S.		,	2.000	-63.713	5. C.	30.00	174 17-	A
,							1	,

Table 124. Radial Electric Field (Well-Conducting Soil), Frequency = 0.1 MHz, VED Height = 4495.20 m

PHASE	(C)	-30.64	-15%.00	-157.76	-150.38	-154.84	-153.11	-151.15	-140.93	-140.40	-143.49	-140.14	-130.25	-131.75	-126.52	-127.50	-113.65	-106.40	-4/.73	-67.11	-60.53	-14.32	-64.78	-54.03	-54.12	10.01-	-44.56	-38.74	130.43	136.30	-27.83	37 ° 7	3	17.61	3	7.53	17.67	-4.26	40.6-	76.1-	6.	90	1.05	10
Ą	80	-34.168	-34.636	-35,123			-36.715					J											-43.243		-46.176		200.01	- 4 C 3 3 5 5	10.40	200	-38,129	- 45.88.	-36.130	197.75	3,6,6-	-00.00-	496 67-	-64.364	268.85-	-68.526	-48.261	260.82-	-CB.016	4.0 4/4
HE I GHT	(MA)	00000	360	009.	204.	1.200	1.500	779.1	001.2	7.400	2.700	3.000	3.300	3.600	3.400	002.4	4.500	000.4	2.100	004.5	5.700	000.9	005.0	0.9.9	00%	2000	2000	0000	0010	50.		104,01	12,600	13.500	15.600	16.500	18.000	19.500	21.000	42.500	000.42	45.500	27.600	3
FHASE	(DEC)	-116.17	-126.18	-124.00	-1<1.81	-119.41	-116.07	-114.17	-111.33	-108.34	-105.65	-101.36	10.01	21.54	95.14.	アナ・レロー	-64.38	2.09.	-77.63	-73.73	-70.30	-67.03	-63.65	18.00-	27.76	1.50	76.76-	21.00	104	-43.60	20.11	-33,72	17. NO	-43.45	<0.05-	-17.30	-15.19	-13.41	-11.92	-10.67	14.60	-8.69	58.7-	5, 7.
A	Ď	644.06-	-33.773	-34.050	-34.323	146.46-	-34.B5U	-35.099	-35.333	145.45-	U47.46-	-35.954	-36.073	-30.193	-36.482	-36.338	-36.360	-36.348	-36.303	-36.227	-36.120	-35.487	75.430	249.45-	-35.456	135.640	*>0.CE-	10.00	41. 31.	070.45-	-33.825	-36.623	416.18-	CES.05-	-29.683	-68.95	-68.330	-47.808	-27,379	-67.034	-26.770	-26.582	-46.469	027 46-
HE JUHT	(XX)	00000	001.	, 40v	300	007.	005.	0000	. 700	200	005.	1.000	0011	7.500	1.300	•	005.1	000	1.700	•	000	000.7	007.2	002.2	207.7	200	000.7	220.0	200.	004.7	3.000	3.500	000.4	4.500	2.000	5.500	000.4	9.500	7.000	7.500	9.000	9.500	200.7	3.0
PHASE	(DEG)	-5.67	-81.63	-77.40	VE.47-	すべ・コー	-67.62	-04.40	94.10-	-58.62	-52.94	74.55	471.06	140.84	-40.70	79.55-	00.5.4-	67.75	74.65	138.20	-30.79	14.06-	****	/0.55-	77.17	4 3 3 3 1	06.60	10.40	***	-<0.50	78.57-	79.77-	50.07-	-10.05	-10.37	-14.57	-13.78	-16.77	36-11-	51.11-	-10.47	78.7-	70.2-	73.67
A	(00)	-36.913	-36.905	-36.00	-36.000	-34.501	-34.311	134.048	-31.800	F10.15-	131.300	140.15-	-30.81	-30.038	130.05	27.70	140.47	111.67	-67.130	-50.004	-20.5%	- CB . 33 u	0/0.00	-71.01.4	-27. 104	27	010.12	250.011	-20.3%	-20.171	-25.457	-24.458	-24.076	-23,603	-24.584	-21,957	-21.401	-20.400	-20.466	-20.011	-14.734	-16.434	-14.173	- 1 B. YSU
HE 16HT	δ.	000.0	.030	.060	060	. 20	150	087	· >10	0 5 7 .	2	300	066.	0000	960	7	• • • • •	000	015.	040	0/5.		000		060					.870		1.050			005.			.950		<.250	005.7	<.550	<.700	Z-850

Table 125. Radial Electric Field (Well-Conducting Soil), Frequency = 1.0 MHz, VED Height = 0.00 m

A 0.0
104.01
462.62-
-20.504
-60.754
-C7.00%
0
_
.
-CB.087
-76.375
.00.00
100.470
167.686
77.000
-c26.62-
-30,268
-20.014
-30.982
-31.358
-21.164
-36.155
-36.578
-33.021
33.484
126.66
.44.46.
.35,024
297
133.190
06.91- EB4.92-
-<6.107

Table 126. Radial Electric Field (Well-Conducting Soil), Frequency = 1.0 MHz, VED Height = 224.76 m

1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1												
Column	THOLDE	į	PHA SE	1401.14	A	1	14 161	A	40.40	11.1	2	3
100.00	÷	200	(CE G.	**	(HI)	75 477	(8.4)	Î	1011		E I	JO ALT
100.0000 100.0000	٥.	-24.006	40.6/1-	2000	-60.714	-151.76	000	101.10-	100	000.0	124 74	10201
100.00	63	-24.135	77.541-	010.	-46.937	170.35	040.	15.6.15-	100		0 1	20.00
\$55,62 005, 65,11 (52,12) 105, 62, 72, 72, 72, 73, 74, 74, 74, 74, 74, 74, 74, 74, 74, 74	90	-24.007	5/ ** 47 -	2000	-67-104	170.50	000	101.470	123.21	200	1 1 1 1	
1,	g i	C10.C2-	-144.63	050.	-61.394	10.011	o A o •	-35.35v	123.51	005.	-43.712	78.67
\$55,000, 000, 000, 000, 000, 000, 000, 0	2	-52.144	-143.71	242.	420.72-	171.05	.160	-32.669	123.74	007.	640.043	16.37
1,	<u> </u>	-25,660	-143.10	000.	-67.067	1/1.25	061.	<50.6c-	154.01	004.	8/4.44	79.67
1,	x	414.65-	-144.64	000.	-46.113	1/1.53	· 1 8v	135.361	124.20	0000	-44.867	PA - 5.7
\$54,572, 0004, 000	≂.	-25.560	-144.05	3630	196.82-	1/1.76	012.	-33.756	124.36	.700	-45.261	74.83
Control Cont	5	-65.106	~ t • 7 t 7 -	000.	-(8.615	174.03	0+2.	-34.133	124.46	0000	940.44-	CE .45
1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	2	-25.045	-140.87	J. → •	-20.075	172.67	4270	764.46-	124.51	00%	840.04-	78.50
100 100	<u>ي</u>	494.c2-	47.041-	35 T •	241.67-	174.50	000.	170.151	124.51	0000	146.437	77.20
	7	CC1.02-	19.61-	011.	174.67-	1/2.83	056.	135.350	124.43	1.100	740.04-	75.60
	9	-20.05	-130.40	021.	100.42-	173.10	360	-35.730	12**29	1.400	-47.229	73.47
	ڻ ص	-20°467	12001-	051.	515.57-	173.40	JF7.	-36.165	124.07	1.300	1000/4-	70.87
-22222222.	7	-56.5/0	-137,56	7	-30.266	173.70	.460	-20.608	123.75	004.1	~14.74-	67.77
27.000	ů.	-50.161	-130.04	150	-30.565	174.01	904.	-37.064	123.34	1.500	77.83-	71.40
-27,	ı.	-50.010	40.051-	.100	-36.873	174.34	001.	-11.530	124.80	1.000	-40 4U7	60.15
-27.15 - 13.5 -	7.5	-27.067	16,661-	9110	-31.184	174.65	014.	-38.024	124.13	1.700	140.04-	57.45
-27.450 - 112.050 - 22.110 - 22.210 - 22.450 119.12 - 21.00 - 20.110 - 22.750 119.12 2.100 - 20.110 2.100 2	.	-21.104	15.461-	797.	214.16-	174.33	540	138,567	121.32	1.000	¥40.044	51.01
-27, -20 - 111, -20 - 172, -173 - 175, -174 - 175, -174 - 175, -174 - 175, -174 - 175, -174 - 175, -174 - 175, -174 - 175, -174 - 175, -174 - 175, -17	5.	-27.334	-133.67	?~~.	140.16-	173.34	J.570	-34.053	120.32	1.500	-40.533	46.13
-27,	90	-27.400	-136.84	200	-36.198	175.71	.000	134.546	113.12	Z.000	204.04	41.63
	Ç:	-21.046	94.151.	012.	-32.550	1/6.10	020.	-+0.15v	117.65	2.100	-46.170	4,00
-20-10-1 130-11 130-11 170-11 1	96	-21.120	<0.161-	022.	-36.767	176.50	.660	742.0	115.47	2.400	846.74-	31.70
-20-c0120-11120-11- 177-37	o (104.12-	11.001.	065.	-35.31	176.46	0×0.	146.14-	113.72	2.300	164.14-	<7.07
-20-1112(21120) 13-3413-3510-052-010 -05-010	2 !	501.02-	-149.14	047.	-33.711	177.37	.760	796.1	111.50	2.400	-47,012	Z3.81
	٠ (-20.00	-17071-	347.	-34.166	177.84	J27.	545.24.	70001	2,500	25.04-	<0.34
-20.750 -120.04	D :	111107-	-12/-10	97.	134.558	178,34	.780	-43.628	103.42	4.660	*10.05-	17.25
-29.04.4 -124.44 -124.42 -174.46 -184.0 -18.04 -18.04 -19.05 -19.		-20,500	-160.04	0620	-35.010	1/8.88	.010	1.3.857	101.22	2.100	147.495	14.53
-27.05.7 1.25.50 1.29.7 1.29.2	3 1	17/007-	55.477	• 6 80	-35.462	173.46	. 0 40	794.44-	46.55	2.800	-44. 465	12.14
-24.07 - 1.00.0 -30.00 -30.00 -30.00 -30.00 -30.00 -41.40.0 -41.40.0 -41.40.0 -41.40.0 -30.00	000	6,0.07-	30.571	247.	276.470	14.41	0/9.	170.5	91-15	006.2	44.430	10.06
) •	*20.62	70.771-	200	170.44	-1/4.23))	205.54-	8>•02	3.000	-43.415 -43.415	B.26
30.00 - 100.00 - 30.00	25	167.45-	3/10/11		, d	17.00	-	105		,	•	
30.75		7114	1 1 1	2 3	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	00.4.1.	000.	0.13	7.00	3.500	101.11	2.63
31.47 41.53	, i	1 2 5 6 7	0.5	1 1	157	70.407	002.	*17.5	23.27	000.	-34.351	67
11.11 - 46.24	1 0	3777			903417	10101	1000	K04*0*1	10.11	4.500	-37.546	96 - 7 -
-31.24 -72.10 .500 -59.24 -12.33 1.500 -32.653 .540 .33.40 -31.24 -73.10 .500 -39.24 -12.33 1.500 -31.653 .98 .500 -32.30 -31.26 -6.54 .500 -36.34 .37 .39 .39 6.500 -32.30 -31.26 -6.54 .500 -36.34 .37 .39 6.500 -32.30 -31.26 -6.54 .500 -31.62 .37 .30 .30 .30 .30 .30 .30 .30 .30 .30 .30	, 10	1 1 1 1 1	10.74		01000	20.00	000.1	70.00	,	000.5	-32.992	-4.40
-31.00 -0.05, 0.00	100	36. 16.	7 1.10	200	776 77	* O * O * O * O * O * O * O * O * O * O	0001	13.00	7.7	5.500	+54.634	-4.36
-34-05 - 700 - 34-346 - 777 - 34-346 - 35 - 5500 - 34-346 - 34-546	y c	1311101	1		774	70.01	00.1	50000	÷	000.	054.55-	-2.05
-30.150 -30.01	1 0	1 1 1 1 1	1 4	200	\$60.00°	55.51	00.6.1	75.55	33.	6.500	-34,346	-1.5d
-24.004 -44.10 -30.434 -54.40 -30.355 -56 8.000 -29.865 -27.404 -27.504 -33.10 -800 -30.495 -4.40 -2.40 -20.355 -56 8.000 -29.865 -27.404 -4.505 -27.404 -20.355 -56 8.000 -29.865 -27.404 -4.00 -2.405 -2.40	2 4				F	10.5	001.0	502.20	.1.	000.	-31.454	-1.01
-27**07 -14*10 .800 -10.434 -6.44 6.400 -10.355 .56 8.000 -29.845 -27**04 -34*10 .800 -10.438 -5.17 6.450 -64.583 .95 8.500 -29.154 -28**47 -34*87 .900 -50.064 -4.05 6.700 -68.893 1.43 9.000 -28.565 -27.457 -11.18 .950 -24.234 -3.04 2.850 -26.273 1.95 9.500 -27.355	3 0		7	2.	10.50	***	7.650		9₹.	7.500	-30.608	٠. ٢
-25.45 - 4.50 -	2 U	104.004	0	9.0	166.16-	17.0	V.400	-30.355	• 56	8.000	-24.845	\$7.
-20+42 -34-87 -490 -30-024 -4-05 6,700 -26-893 1-43 9,000 -28-526 -27-45 4,500 -27-955 -27-455 -27-455 -27-455	n <	0.0.62	23.10	000	120.428	-5.17	2.50	-64.583	• 95	8.500	-29.154	26.
-21.12 + 31.12 + 3.04 -3.04 2.837 1.95 9.500 -27.455	ب ج	764.07-	12.351	006	450.05-	14.07	700	-68.83	1.43	9.000	-28.526	1.60
	υ Ω	*C** - / / -	*	: 4:5								

Table 127. Radial Electric Field (Well-Conducting Soil), Frequency = 1.0 MHz, VED Height = 449.52 m

CLCO	# 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1	PHASE 14 CAS 14 CAS 15 CAS 16 CAS 16 CAS 17 CAS 18 CAS	H 000000000000000000000000000000000000	A A A A A A A A A A A A A A A A A A A	PHASE
(MX) (0	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	14.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2	E0000000000000000000000000000000000000	11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
100 - 2-2 -	•	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	144.78 144.78 144.78 144.78 151.78	000000000000000000000000000000000000000	715	(DEG)
2000 - 72 - 000 -		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	7.7.25 7.4.4.4 7.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4	330335 30035 30035 30035 30035	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	41.41
0000 00000 00000 00000 00000 00000 00000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000		######################################	1444 1444 1444 1444 1444 1444 1444 1514	Au 10 0 0 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	144.280 144.680 145.080	101.19
200 - 17.2		V 3 A C C C C C C C C C C C C C C C C C C	151 151 151 151 151 151 151 151 151 151	0 1 1 1 2 7 1 7 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	-44.048 -45.020 -45.398	102.47
100		30 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	150.05 150.05 150.05 150.05 151.05 15	10000000000000000000000000000000000000	-45.020 -45.398	103.53
0100.000.000.000.000.000.000.000.000.00		2	150.000 150.00	000 000 000 000 000 000	-45.398	104.35
000		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1544.06 151.17 151.17 151.17 151.17 151.17 151.17 151.17 151.17	000000	6.5	104,92
7,4,4,3,4, 10,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1		2	150.05 150.05 151.00 151.00 151.00 151.00 151.00 151.00 151.00 151.00 151.00	007.	79/*(4-	105.21
1000 1000		7 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0	150.78 151.17 151.17 151.17 151.73 151.73 151.73 151.73 151.73	. 4 00 00 7.	-46.173	105.21
7070 1001 1001 1001 1001 1001 1001 1001		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	15578 15578 15579 15579 15597 15597 15597	00%	-46.569	104.90
100		2 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	151.10 151.37 151.36 151.97 154.00 154.93 151.77		-46.971	104.23
100. 100. 100. 100. 100. 100. 100. 100.		# 1	151.37	1.000		103.18
130 - 120 -		24 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	151.000 151.070 151.070 152.00 152.00 151.171 151.151	1.100		101.72
25. 20. 1.1. 1.2. 1.2. 1.2. 1.2. 1.2. 1.2.			151.75 151.92 151.92 151.92 151.43 151.51 151.51	1.200		29.85
244. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10		2	151.92 152.00 154.00 151.43 151.151	1.300		97.45
100 101 101 101 101 101 101 101 101 101		11111111111111111111111111111111111111	152-00 152-00 151-43 151-77 151-14	1.400		94.58
100 100 100 100 100 100 100 100 100 100		11111111111111111111111111111111111111	154.43	1.500	24.5	71.42
. 107		1111 1111 1111 1111 1111 1111 1111 1111 1111	151.43 151.77 151.51 151.14	1.600		87.38
744, 0.1. 10, 0.44 11, 0.44 11, 0		11.44.0040 11.40.0040 11.10.0040 11.255	151.77	1.700	•	93.10
24, 20 - 24,		140.098 140.098 140.098 141.255 141.877	151.51	1.800		78.48
24.20 25.40 25		140.098 140.098 141.255 141.877	151-14	1.900		73.64
24 - 24 - 24 - 24 - 24 - 24 - 24 - 24 -		-40.663 -41.255 -41.877	150.63	2.000		68.71
	007777	-41.255 -41.877	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	2.100		63.84
	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	-41.877	144.95	2.200		59.17
	27. 20.00. 20.00. 20.00. 20.00. 20.00.	-42,531	¥0 • K + T	2.300		24.13
	20.2 20.2 20.4 20.4 20.5 20.5 30.5 30.5 30.5 30.5 30.5 30.5 30.5 3	, , , , ,	148.00	5.400	•	50.78
	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	3.220	140.64	6.500	•	47.17
. 173.620 . 173.	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	443.946	144.93	2.600	•	43.40
	1 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	014.4	144.82	2.700	•	41.13
. 350 - 41,810	22.00	-45.511	140.18	2.800		38.64
. 300 - 34.081 . 300 - 45.62 . 400 - 45.62 . 400 - 43.64 . 500 - 38.32 . 500 - 38.32 . 600 - 400 - 400 . 600	205.	-46.347	130.91	5.900	-45.470	36.55
.354,62- 04. .400 -35,659 . .450 -37,641 . .500 -34,621 . .500 -38,034 . .500 -38,031 . .700 -31,142 .		-47.207	132.83	3.000		34.70
. 354 -25. . 400 -45.651 . 400 -45.651 . 500 -38.325 . 500 -38.325 . 600 -38						
. 400 - 410 - 659 - 410 - 659 - 410 - 651	25.0	419-05-	4444	3.500	740.64	24.70
	0000	144	04.54	000	410 14	
500 - 35. 515,45. 500 - 38. 500 - 32. 500 - 31. 500 - 31. 500 - 31. 500 - 31.	25.1	400-11-	34.75	4	707	25.54
250.250 470.385.000 470.000 60.750 60.750 60.750 60.7000 60.700 60.700 60.700 60.700 60.700 60.700 60.700 60.700 60.7000 60.700 60.700 60.700 60.700 60.700 60.700 60.700 60.700 60.7000 60.700 60.700 60.700 60.700 60.700 60.700 60.700 60.700 60.7000 60.700 60.700 60.700 60.700 60.700 60.700 60.700 60.700 60.7000 60.700 60.700 60.700 60.700 60.700 60.700 60.700 60.700 60.7000 60.700 60.700 60.700 60.700 60.700 60.700 60.700 60.700 60.7000 60.700 60.700 60.700 60.700 60.700 60.700 60.700 60.700 60.7000 60.700 60.700 60.700 60.700 60.700 60.700 60.700 60.700 60.7000 60.7		741	200		124.00	90.40
450.821 000. 450.72- 000. 160.72- 000. 741.75- 007.	200	740.04	30.00	9	194 464	7
169.76- 020. 541.76- 07. 641.76- 027.		-38.505	26.35	000	-35.632	7 9 6 7
.700 -37.142 .750 -36.704		-37.275	27.27	004.4	14. 755	20.0
.750 -36.704		770.00	20.25	2000	-34.00A	32.10
		16.55	30.03	2.500	-13.372	1
PAC - 150 -		700	3 7 7 6	3	45.4	34.
791 47 - 047		1000	0.00	000	20.00	0000
07.07		274.46	70.00	9000	000	17.00
011.00		0 1 1	3	000.4	666 TO-	0.7
122.05- 056.		33.77	70.54	0.200	099.15-	100

Table 128. Radial Electric Field (Well-Conducting Soil), Frequency = 10,0 MHz, VED Height = 0,00 m

I LOHT	Į į	FHASE	Hr Junt	A	PHASE	HE IOHT	A	PHASE	AÉ IGHT	A	PHASE
F (2)	9	(54.6)	(# X)	(90)	(OF6)	£	90 0	(UEG)	Ŧ.	(PO)	OEG
3 6	506.00	7 - 1 - 1	200	161.15	7.4°	0000	284° CO-	-131.95	00000	155.72-	2.17-
9	7 7 7 7 7 1	7.07	010.	-51.957	11.17	250.	-61.615	70.29	.100	-74.122	0.40
9	-41.100	50.77	200.	->c.06¢	71.70	202.	-01.744	63.50	002.	-14.227	0.50
200	141.360	71.12	050.	-26.195	11.30	363.	-01.867	61.14	005.	-72.241	9.69
<u>~</u> :	741.400	11.//	770.	->4.368	18.07	071.	-/6.10-	65.61	00.	-72,056	51.0
2 :	100.14-	50.17	040.	¥0.4°20.	07.40	007.	-04.05U	64.51	.500	-71.564	44.4
9	-41.147	10.00	000	-26.566	68.85	100.	-04.075	50.65	000.	-70.720	36.6
2	41.000	70.62	0/0.	-56.707	4.10	015.	-04.020	54.12	. 700	-69.573	23.5
2	470.74-	10.00	080.		65.76	0.2.	-61.883	40.64	000.	-68.232	15.70
25	7/1.74-	72.86	0.60		63.80	072.	579.10-	43.58	004.	-66.404	Ù.
0	+16.34-	ځد.د۲	.100		54.10	000.	-01.256	37.96	1.000	-65.378	¥.5
Ξ.	-46.430	1:1	o T T .		57.45	330	-54.765	34.41	1.100	-63.440	•
9	146.34-	40.46	126		56.4 5	95.	-c0.178	27.11	1.200	-62.564	-2.4
3	-46.130	73.63	061.		53.65	346.	-54.500	54.19	1.300	-61.408	9.4-
¥ .	5/0.25-	74.33	?*.		90.00	.4.C	-26.176	17.75	1.400	-60.224	-6.7
\$	000.04-	71.36	061.		40.71	UC+.	-08.00x	13.75	1.500	-57.108	18.0
9	951.54-	10.01	797.		43.67	704.	-57.223	10.31	1.600	-58.05b	-9-5
3	-43.500	90.40	2,1.0		24.17	014.	-26.433	1.27	1.700	-57.063	-10.5
3	F/7.74-	67.65	.180		30.40		175.648	4.63	1.800	->p.15e	-11.
25.	コトキ・ワナー	12.00	041.		36.85	J.C.	-24.875	₹•3	1.400	-55.235	-12.0
90	745.64-	0**0	007.		63.51	000.	-24.121	• 35	2.000	045.44-	-12.0
.063	100.04-	63.01	012.	77.4.10-	20.31	0000	786.66-	-1.37	2.100	-53.587	-13.1
9	107.57	61.65	022.		63.67	.000	-52.675	-4.87	2.200	-54,822	-13.5
6	160.64-	75.40	062.		20.41	.640	-21.486	4.18	2.300	->40.54-	-13.9
2	100.71	5/04	047		17.7	. 140	*1E.1C-	-5.32	2.400	-51,393	-14.2
2	174.51	14.00	J62.		12.00	٠٢٠,	-20.675	-0.35	2.500	-50.124	17.4.4
20 (147.01-	15.50	097·		16.97	.780	-50.053	-7.50	5.600	->0.082	-14.6
9	744.54	* 1 · 1 c	0/2.		00.01	010.	753.63-	-1.97	2.700	144.466	-14.8
# # D 0	+74.45	7.0	70.		5.5°	340	8.871	-4.66	2.800	-48.873	75.41-
0	000.0	00.04	067.		97.	2/0.	210.81	- 7.26	7.400	-48,302	-15.1
9	179.67	44.30	306.		* * *	00%.	-47.76/	. 4. 80	3.000	-47.752	-15.2
201	56.7.6.4-	70.484	טלר.	£12.49-	ž	0,0	145,297	16.11	9	346	1
200	200.00	, ,	104	7 7 7	1	2 1			> c	*07*6*1	n i
2 2				2010	00	000	01.0	00.21-	000	161.6	
200	20.00	00	00 :	00000	9.	000	100	4.0	2000	102.11	-15.5
2 :	0.40	# F	200	13% (60	96.9	1.500	24.653	-13.75	2.000	-39.621	-15,3
0	610.00	3.16	055.	- 3B • 643	****	7.650	-38.174	16.51-	5.500	-38.146	-15.2
00	13/0000	٠,	9	-16.404	-10.9	- BCC	-76.834	-13.45	000.9	-36,813	ō. + T -
56	-35.450	-6.37	9,00	-35.682	-11.45	00.5.	-35.621	-13.92	6.500	-35.59B	-14.7
510	-34.741	-4.36	.700	195.46-	-11.60	2.100	-34.505	-13.84	7.000	-34,485	-14.5
52	-33./03	19.6	.750	-33,527	-12.02	2.250	-33.477	-13.73	7.500	-33,459	-14.3
0 1	-36.135	-0.76	300	-32.570	-14.15	004.2	-32,524	3.50	9.000	-37.504	41.
52	-31.836	-7.78	20.0	-31.679	-12.21	5,5,0	-31.63B	3.44	005.4	131.626	
70	-30.788	54.0-	20.5	-30.847	-12.22	2.700	10.01	13.2A	000	-30.747	3.6
									•		֡
ź	77	3	S	14C - 07 -	000	1	3000		000	660 051	1

Table 129. Radial Electric Field (Well-Conducting Soil), Frequency = 10.0 MHz, VED Height = 22.48 m

I LOHT	į	1 4 5 7	Mr. Lon	Ą	7	157	Ā	4	HF 16.HT	Q M Q	1
î Y	(00)	(OF G)	(E X)	(60)	(0.40)	1	(90)	(0,0,0)	N. Y.	GEO.	1010
00000	-40.300	35.64-	300.0	-51.131	53.45	0000	-00.775	-83.53	0000	-71.270	-<0.47
.003	100.011	100.10	210.	292.15-	144.05	25.2.	407	121.02	001.	-71.3VB	119.70
• 006	740.04-	160.35	020.	-51.394	122.59		-01.035	120.23	002	-/1.503	116.34
. 309	140.110	100.44	050.	975.15-	122.28	3630	-01.157	110.68	300	-71.518	110.53
. 12	110.01-	140.40		-21.661	121.72	.120	192.10-	110.30	0000	-71,334	102.54
.015	100.14-	14001	000.	-51.793	120.07	.150	-01.345	113.26	005.	-70.845	¥3.0%
910	D47.74	160.68	100.	-51.422	114.77	.180	-01.372	10%.41	.600	-70,003	63.29
.621	146.14-	10001	3/70	440.26-	114.40	017.	-01.32/	104.89	.700	-64.457	74.20
.024	.0	14.77	200.	461.26-	110.74	0.47.	-61.18/	94.81	.800	-67.517	66.45
.627	070.14-	161.39	0.50	-22.254	114.77	0/2.	166.00-	4**35	004.	-66.094	60.17
و23،	7,1.1	140.74	.100	1 %6 . 20-	112.50	205.	-01.56b	66.73	1.000	-04.000	55.21
633	/ 14 - 1 - 1 -	160.30	017.	-26.400	110.05	UCE.	-60.083	87.58	1.100	-63.54-	51,433
9	700.74-	165.71	120	154.75-	107.29	905.	154.440	71.87	1.200	+5K • 19-	48.68
036	100.71-	14.35	130	-24.446	104.30	37.5	-28.85	. 74.95	1.300	-60.700	45.00
240	246.347	1510	O * T *	-54.345	101.12	074.	-28.10c	44.00	1.400	-59.51B	43.46
.045	CQ4.74-	163.14	150	-56.299	47.18	.450	-57,335	64.53	1.500	+0+ BC-	42.43
8+0	1 79 - 7	164.00	, 1 o c	191.26-	94.33	.400	145.95	61.05	1.600	-57.354	41.18
.051	EC1 . 2	140071	2.1.0	-51.988	£0.0%	014.	-25.764	54.01	1.700	-56,363	40.17
• 054	-46.000	117.03	100	-51.701	45.78	. 240	-54.97×	55.37	7.800	-55,440	34.34
•057	202464-	110.24	.140	364.14-	45.67	.570	402.44-	53.09	1.400	-54.539	38.65
090	-43.116	110.75	2007.	-51.178	45.00	.600	153.45/	51-11	₹.000	-53.047	36.08
60.	-43.610	115.14	.<10	450.06-	77,33	050.	-52.725	44.39	2.100	-55.847	37.60
990.	100.04-	113.43	0>>.	100.440	14.21	.660	-22.016	47.40	2.200	-54,135	37.20
690	277.74-	111.62	062.	-50.04-	71.40	70.	*>1.35%	40.60	2.300	-51.407	36.87
2/0	143.47	7	. v t	147.018	64.72	٠/٠	20.666	42.47	2.400	-50.712	36.55
6/3	トコロ・コナー	10/01	942.	145.177	66.63	067.	c20.0c-	R7.77	Z-200	->0°05-	36,36
0.0	-43.544	105.62	7.60	-48.726	63.43	.780	117.400	43.62	2.600	801.71	36.17
190°	795.54-	103.47	0/2.	-40.667	61.62	18.	BOB. 81-	44.46	2.700	947.83	36.01
190	190.54	101.26	387.	V00.	59.00	210.	-48.231	44.19	2.800	-48.207	35.87
, r	******	27.75	067.	ハまつ。/オー	28.12	2/2.	-47.673	79.14	2.400	0+9.7+-	35.77
000	071.71	40.70	300	140.04-	56.49	204.	-47,134	41.08	3.000	-47.093	35.68
.105	-46.303	62.68	uct.	180.11-	50.31	1.050	589.44-	34.27	3.500	-44.627	35.48
.120	560.24-	74.88	007.	-42.675	46.41	1.200	-42,581	34.29	000	-42.520	35,53
.135	120.04-	44.00	064.	-40.876	43.93	1.350	140.747	3/•81	4.500	889.04-	35,73
.150	-37.516	50.12	.500	-39.468	46.35	1.500	-39,128	37.62	5.000	-39.073	36.01
.165	-30.610	24.66	055.	-37.825	41.35	1.650	-37.685	37.63	5.500	-37.634	36,36
.130	-30.70/	70.25	200.	-36.523	40.74	1.800	-16.389	3/.76	000.9	-36.341	36.75
195	-35.003	75.64	.650	-35,343	40.41	1.950	-35.214	37.99	6.500	-35.170	37.16
.210	-34.164	41.74	.700	-34.267	40.28	2.100	-34.145	36.29	7.000	-34.104	37.60
. 255	-33.760	40.47	. 750	-33.283	40.30	062.2	-23.167	30.64	7.500	-33,128	38.06
.240	-34.004	45.56	008.	-32.376	74.04	2.4 0€	-32.260	37.02	8.000	-32,230	38.54
.255	194.16-	50.11	950	545.15-	:0.63	2.550	-71.43B	37.45	8.500	-31.403	36.04
.270	-31.16	44.03	006.	-30.772	40.91	5.700	179.00-	37.90	00006	-30.637	39.54
285	100	4.	910								
	27.001	04.44	00.4.	0000	4 U	0 C B 2 O	456.67-	40.37	9.500	-29.927	40.03

Table 130. Radial Electric Field (Well-Conducting Soil), Frequency = 10.0 MHz, VED Height = 44.95 m

					1	1					
r. IunT	A F	7 4 5	HE LONT	AM	PHA	TE SCAT	Ā	1	1.1	Q P	9
(A.K.)		(UFC)	(A.S.)	(PQ)	(040)	E	1	1 5			1000
000	-30	-70.68	20000	-4/.6/3	VI .VOI	00040	-26.821	17.7		C 24.	200
693	•	100.01	040.	204.24-	151.16	0.0	355.60-	146.24	200	167.41	200
900		160.71	020.	-47.533	151.01	200	780 - C-	147.50	200	1	142.17
600	•	100.00	200.	-47.666	150.70	243.	CU2.1C-	145.00	005	3	7.7
0.12		100.76	040.	-47.800	150.24	071.	-57.315	143.00	004	-67,451	3
510		14.001) ()	254.64-	11.71	J. 150	-57.395	140.58	005	-66.904	200
0 :		100.00	900	140.063	143,30	007.	->1.420	130.75	.600	-66.025	110.15
120		100.03	0/0.	-+0.199	147.02	012.	-27,385	134.24	.700	-64-663	101.06
970		100.47	080.	-46.300	145,39	0*7.	142.70-	127.18	000	-63.546	7.3.31
125	-30.00	100.10	240.	-18.470	143.40	U15.	400 € / €-	121.74	004.	-64.125	87.04
030	-30.611	15%.78	001.	140.440	1-1.69	005.	-26.643	116.13	1.000	849.00-	80° 28
033	-36.335	157.30	011.	+00.00+	138.84	055.	-26.164	110.57	1 - 1 00	4.4.4	74.21
0.36	-36.500	158.74	.140	-48.603	136.12	096.	-55.583	100.67	1.00	24.440	75.17
039	-30.045	150.64	136	-48.508	133.17	085.	076.95-	100.35	1.500	-50. / 3H	72.74
240	-30./20	CE • / CT	0+1.	b.57b	130.02	074.	141.40-	32.00	1.400		1
	170.474	156.50	951.	105.84-	140.14	044.	054.6	69.46	1.500	174.440	2
640	-34.015	153.50	91.	105.84-	163,30	024.	-24.656	79.00	1.600	-5.3, 394	6 - 13 6 - 13
120	-33.46-	124.51	o, 1.	-48.213	119.82	014.	178.14	40.00	1 - 700	-52.411	67.14
450	-34.350	153.31	.180	666.21-	110.34	.540	160.16-	64.79	1.800	#74.1d=	46
123	134.481	156.11) . I v	-47.740	112.50	0/5.	-50.354	80.52	1.400	-50.544	65.67
090	-37.000	156.75	200	-47.438	40.401	000	-44.575	78.55	4.000	-49.755	65.17
.063	-3% /64	147.68	017.	-47.100	106.34	.630	-+P.B.	70.86	5.100	454.64-	64.67
990	-37,633	14/-71	.220	6.730	103.20	000.	-+8.141	75.39	2.200	-48.200	64,30
990	-37.736	146.03	0520	-46.333	100.40	0.40	-47.45B	74.11	2.300	11.41.	64.00
272	20000	て2・44	047.	-42.716	47.7L	.740	462.04-	73.01	5.400	-40.74b	63.75
0 7 5	*****	1.6.30	UC>+	744.44-	72.64	uct.	-46.162	74.05	2.500	-40.125	63.55
6.78	101-04-	740.45	192.	-45.034	74.74	.700	145.541	71.21	2.600	164.64-	63,34
.	140.140	BE - 25 7	072.	144.088	¥0.81	7 Q.	-14.954	55.07	2.700	-44.883	63.27
0.84	+22.01-	120.01	000.		7E.00	040.	186.44-	69.85	2.500	567·55-	63.17
v 8 7	162.04-	134.10	062.	479.64-	67.13	0/0.	-43.828	67.30	2.500	-43.737	63,10
060	4TU-04-	131.08	306.	-43.667	85.54	300	462.54-	68.82	3.000	-43.196	63.00
105	-34.654	140.54	Jef.	-41.047	74.47	0000	-40.87s	61.22	004	940.749	4
120	-37.020	110.18	704	- 35.007	7. 7	200	100	4			
135	-37.903	101.69	044.	- 57.301	7 4-00		F 00 - 27	10.00	3	00000	V
150	-30.05.		000	135.7.41	2 2		467	200	000	10000	00.00
165	. 41.06-	0100	955	136.330	71.77	9 1	1000	***	000	510.00	04.50
180	7 - 1 - 1	×7.72	100	-13.076	7		1 1 1 1 1	20.0	0000	20000	02.66
5	33,600	17.71	3	2 4 2 - 4 1	77	000	10.07	***	000.	180.25-	20.00
210	- 36 - 11 - 11	1 1 1	700	3	200	004.4	200.	***	0000	500.10	99.99
, ,	77776	1	24		2.00	2010	10.01	00.00	0000		67.82
100	1 1 1 1	0 1	1	00000	00.27	7.650	621.63	67.85	7.500	-29.637	68.85
) i	603.0C	0.00	•	101.63-	3.00	7.400	768.87-	70.85	9.000	-28.803	69.88
לל ל	214.62-	10.40	300	-66.387	74.61	7.550	-c6.12b	71.93	8.500	-28.041	71.00
0 1	-20.6	40.00	000	-47.684	75.69	2.700	424.67-	73.09	000.6	-47,343	72.19
CB2	110.07-	86.00	0000	-127	7						
,				1	10.07	2020	187.03-	74.33	005.5	-26.703	73.44

Table 131. Radial Electric Field (Well-Conducting Soil), Frequency = 100.0 MHz, VED Height = 0.00 m

1	7474	At Lon	A	77454	HE I GRIT	Ā	PHASE	At Ical	AMP	FHAS
107	(UEG)	(R.R.)	(00)	(010)	? 4	(90)	(UE 6)	(F. F.)	(90)	(DEG
1/1100	41.60	0.000	-66.760	-116.15	0.000	-13.186	-53.54	0.000	-62.726	4.0
177.50-	v	700.	-66.840	0 / 0	010.	13,300	80.56	050.	-82,829	70.48
7 1	000	0 1	207.70	30.13	0 V O	345.5	36.56	000	260.28	73.31
ָ מַרְ מַרְ	17.00	N \ 0 -	0 10 10 10 10 10 10 10 10 10 10 10 10 10) i	2000	000.00	20.07	0.50	678.19	ñ :
		1 1	0 - 1			244	9 3	031.	770.00	
(1)	100		1111	7	9 2	771	40.40	0 0	0000111	
0/4	97.10		-0.3.13.3	0 - 12	200	\ (4 =) -	7 - 1 - 1	001	747	0 4
503.	12.10	170	756.79-	20,00	200	100		24	7. 7.6	
-54.133	78.70	120.	700.70	54.40	0.60	-07-H3/		270	100.00	~
791.	70.40	0.00	-CZ.CD*	23.60	201.	700-410	21.20	300	000-79-	
*77.	73.14	2000	-01.748	71.0+	011.	-65.025	17.35	066.	-65.472	4
-54.193	10.11	• 0.36	-01.13/	42.00	071.	507.50-	14.30	360	-64.017	3.4
0+7	10.10	750.	-60.451	38,00	25.4.	264.22	75.7	340	-67.676	3
-54.05/	67.00	740.	-27.716	13.66	7+1.	-01.271	7.00	024.	-01.435	H .
-53.765	00.00	C#0.	-50.4tc	69.70	061.	-cu.15a	4.25	450	-60.279	7
00/00	51.30	D+0.	+c1.8c-	66.65	.100	401.4C-	6.63	0104	-59.200	10
C2C•6	53.66	ten.	-57.365	42.65	.170	-28.110	2.64	.510	-50.107	3
-53.634	¥6.00	*CO.	-26.563	20.00	.100	-57.18U	26.4	.540	-57.233	
-54.353	17.7	160.	-25.012	18.31	.190	162.94	4.15	.570	-56.333	
210.	47.54	000.	-55.065	16.31	.200	-DP.446	74.7	009.	-55.480	3.
-56.630	70.04	.003	-54.336	14.55	017*	-54.645	66.7	0690	-54.670	7.
-51.030	10.15	• 000	-53.624	13.02	022.	-53.88V	7.044	.660	-53.400	ř
1711	34.40	.004	124.74.	11.01	. Z 30	-53.147	₹0.5	70.	-53,165	
116.	34.31	260.	107.75-	10.48	.640	754.450	1.65	.720	-24.463	7
-50.567	4.47	c70.	1.641	٠, ٠,	4620	192.Tc-	1.33	.750	-51.791	-1.0
6779	67.60	۰ د ۱		7 . 0	102.	-51.136	1.05	084.	-51.146	-1.1(
610.44-	62.63	100.	-50.425	7.66	0/2.	->0.55n	0.00	019.	-50.527	-1:1
751.44	< 3. 14	1 00.	949.44-	5.46	087.	926.64-	95.	049.	-49.432	-1.6
740.04	00.22	.007	182.64-	6. ₹5	0630	166.71	Æ.	.870	-49.35B	-1.3
ځ د ۲۰۵۰	Z0.41))		5.65	000.	148.300	•21	00%	44.406	-1.3
/ t 0 = 0 3 /	1	, r	0.40	3	į	49	3	9	608	,
	1		101	1				000	0000	1
700000	70.0	4.0	101011	70.7		101.	3 0	002.1	101.101	1.05
\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	10.0	1 -	2011		9 1	74.3.	F 0 0	000	167.7	
2010	10.0		2000	1		741	25.11	004	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	1 1
7.198	4.70	700	-37.BU4		000	700.75	77		37.100	
0/0.0	94.1	561.	-36.579	. 60	0,00	-36.577	3	9	-36.576	
904.0	4.35	012	-35.454	2/	.700	254.45-	55.1	2.100	135.450	7.
024.	90.	444	-34.417	26	750	-34.415	45.1-	7.250	-34.414	7
404.	94.	0.540	-33,455	-1.04	000	-33.453	- 1.55	2.400	*34.693	- 1.7
*90.	n≯•	445.	456.26-	-1.10		-32.558	1.56	2,550	-32.557	
-31.16	40.1	.270	-31.724	-1.16	005.	-31.721	1.56	2.700	-31.720	-1.67
7 4 5 - 7	~ ` ` `	24/1	- 46 0 27	100				1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
					200	200		2,850	5	•

Table 132. Radial Electric Field (Well-Conducting Soil), Frequency = 100.0 MHz, VED Height = 2.25 m

Color Colo												
Check Chec	t Ioal	į	PHASE	1t 1011	A T	PHASE	At 1641	Ā	PHASE	HE IGHT	AMP	7
1907 1907	Σ ¥	(00)	(UE 0)	£ .	(90)	(OE 6)	(N V)	(R)	(Or 6)	2	9	540
1,000,000,000,000,000,000,000,000,000,0	300.	-54.605	00.10	00000	608.46-	20.02	00000	-10.254	-6.33	00000	-77.775	71.6
100		L04.05-	130.47	£00.	624.40-	134.83	010.	- (0.373	133.56	050.	878.71	131.0
100 101	700.	C 2C * 7 -	1.00.1	953.	7*0*00-	13.01	020.	-/0.405	127.92	090.	-74.702	140
100 100	000	-51.040	133.54	K00.	-60.153	131.70	0 t 0 •	45.01-	123.46	0.00	-78.895	104.4
100	100	-20. /00	134.00	.010	-00.444	167.30	010.	-10.248	113.67	.120	-77,083	100
100	, 000	700.00-	133.50	· • •	-60.301	160.02	050.	121.60-	100.10	051.	-74.711	75.4
100, 100,	900	174.00-	136.1/	010.	-00°305	141.33	000.	168.80-	12.06	180	-72.247	67.0
	0 3	-51.09/	10.061	170.	-60.446	117.60	0/0.	269.10-	8/•21	.210	-69.462	61.5
1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	B 0 0	007.75	160.20	\$ 00.	100.00-	1411.97	080.	-00.344	79.50	0.7	-67.801	57.6
	<u>ک</u>	707.15	160.34	,00.	847.46-	100.44	060.	416.40-	73.25	072.	-65. B79	1
	0.70	C10.15-	163.at	JE 0.	154.367	100.75	.100	564.Ea-	64.24	005.	-04.137	7
	- : - :	196.10-	161.13	\$€0.	*36.85*	12.54	011.	-04.110	64.38	055.	-64.550	4.14
	770	077.75	110.10	0.00	C+7.8C-	47.42	.100	482.00-	61.30	.360	-01.096	50.3
-5.1.11 11.00 1.00 1.00 1.00 1.00 1.00 1.	70.	C42.15-	110.00	¥90.	100.10-	۵۶.∪′	064.	-54.537	50.84	390	707.60-	4
	1	717.15-	111.00	740.	-20.04-	80.00	O+T.	-58.36U	56.87	024	714.517	200
	٠	001.10	100.65	1	4c0.dc-	10.10	061.	27.648	55.65	04.0	-57.304	7.04
	٠.	C14.05-	104.75	0 10	J2.64-	13.30	.100	-26.201	54.45	9440	-50.286	47.8
1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	1.	0.00	101.54	100.	-24.483	70.30	011.	-22.21	54.86	014.	272.56-	47.4
	910	154.05-	21.10	400.	. 07. CC-	10.10	.100	-24.276	51.95	044	-54.124	47.1
	ر ا ا	-50.130	95.43	150.	154.50-	76.50	O	J46.5C-	51.19	074.	-53.426	3
1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	021.	00,000	00.17	000.	-56.189	63.37	002.	276.548	50.5	.600	-52.575	40.7
	17	147.460	CV. 10	202.	794.14-	61.03	017.	-21.748	かか・アラ	.630	-51.768	20.0
	220.	UCO • 5 5 -	D . 4 G	990.	751.06-	01.00	022.	196.00-	44.51	.060	-51.000	46.4
7.55	(23	140.011	41.70	, co.	-20.06-	58.76	06.50	-50.25B	47.10	069.	-50.268	40.
7.18	\$ 0.00	101.01-	74.04	270.	C14.44-	57.57	047.	295.44-	44.75	.720	400.44-	40.
	650	00/ 1/4-	77.1E	c/ n•	122.277	56.55	063.	568.8*-	44.04	150	007.84-	46.
	\$20.	747.74-	74.75	٥/٥٠	101.01.	55.64	102.	4.256	48.16	.780	-48.259	40
1,000 1,00	120.	C70.01-	76.83	180.	-47.566	54.78	0/2.	749.14-	64.43	010	E40"/4-	7
	D (190.04-	7.1.00	# D > .	140.01-	54.05	202.	150./+-	47.72	049.	-47.051	10.00
	, .	404.C+-	67.66	, po.	-46.430	53.40	062.	284.0*-	47.53	0/0.	-46.442	10.0
	35.0	140,100	0.10))	948.54-	52.41	005.	-45.434	41.37	004.	-45.433	45.4
	• 635	473.64-	01.40	cut.	454.64-	50.05	350	454.454-	40. H	0.00	454-4-4	44
-37.407 56.77 130 -37.403 44.4 46. 46. 33 11.350 -37.469 137.461 37.461	9	107.15-	٧٤./٢	071.	246.14-	49.32	204.	-+1.34c	40.40	1.200	-61, 335	1
-1/204 5/1/ 150 -37.883 47.45 .500 -31.866 40.27 1500 -37.861 -30.47/2 .500 -31.865 40.28 15.500 -37.861 -30.47/2 .500 -30.48/3 10.550 -31.867 -30.47/2 .500 -32.81/3 47.42 .500 -32.81/3 10.500 -33.81/3 -31.41/2 .500 -31.81/3 -31.41/2 .500 -31.81/3 -31.41/2 .500 -31.81/3 -31.41/2 .500 -31.81/3 -31.41/2 .500 -31.81/2 .500 -31.81/2 .31/3 -31.41/2 .500 -31.81/2 .500 -		134.00	0.40	در .	101.101	40.40	044.	174.45-	46.33	1.350	PA4.46-	45.7
-30-4/2 51-46 1105 -30-431 47.02 .550 -35-415 40-28 11.050 -36-407 -30	2 1	* O * * Y = 1	26.11	051.	-37.683	47.45	Jod.	-37.866	40.27	1.500	-37,861	45.7
-13-4747 49-484 1145 -13-145 47-42 -014 -13-110 40-34 11-000 -33-099 13-313 13-099 13-099 13-099 13-099 13-099 13-099 13-099 13-099 13-099 13-099 13-099 13-099 13-099 13-099 13-099 13-099 13-099 13-099 13-099 13-	رد. د	-30.4/2	51.45	.165	-36.431	47.62	066.	-36.413	40.28	1.650	-36.407	3
-3.5.787 4.7.87 195 -33.937 47.32 .20 -33.919 40.43 1.950 -33.913 -32.919 40.43 1.950 -33.913 -32.913 -32.913 40.45 40.55 2.100 -32.832 -32.913 40.45 40.55 2.100 -32.832 -31.840 40.70 2.250 -31.840 -31.910 47.13 .21.840 -31.840 40.70 2.250 -31.840 -31.910 -31.840 40.70 2.250 -31.840 -31.910 47.13 .20.91 47.01 2.20 -30.010 47.13 .20.91 47.01 2.20 -30.010 47.13 .20.21 47.21 47.21 40.80 .20.21 47.21 47.21 47.21 47.21 47.21 47.21 47.21 47.21 47.21 47.21 47.21	000	-35.1/1	50.54	.180	-35,123	47.42	2000	-35.105	40.34	1.800	-35.099	4
-36,504 4.444 (210 -36,835 47,30 700 -36,837 46,55 2,100 -32,832 -31,504 -31,845 45,70 -31,845 -31,845 45,70 -31,845 -31,845 -31,845 45,70 -31,845 45,70 -31,845 -31,845 45,70 -31,845 -31,845 45,70 -30,943 45,843 45,843 45,845 -30,944 -30,943 45,07 2,550 -30,984 -30,104 47,81 40,07 -20,104 47,28 2,700 -30,943 -28,545 47,85	290	-30.484	Y 20 . Y 3	3.195	155.437	47.32	000.	-13.919	40.43	1.950	-33.413	4
-31.910 4*14 .2250 -31.864 47.33 .730 -31.846 45.70 2.250 -31.846 -31.900 45.95 .2400 -30.951 47.41 .800 -30.993 45.88 2.400 -30.928 -31.900 45.95 .250 -30.308 47.53 .850 -30.889 47.07 2.550 -30.984 -30.451 45.85 .250 -47.89 47.55 .909 47.89 2.700 -29.303 .228.246 -20.52 45.89 .285 -25.599 47.89 .950 -28.581 47.50 2.850 -28.376	0/0	-36.909	17.11	017.	-36.856	47.30	.700	-32,837	46.55	2.100	-32,832	9
-31.000 48.45 .2.40 -30.95] 47.41 .800 -30.933 40.88 2.400 -30.928 -30.104 47.53 .850 -30.108 47.07 2.550 -30.084 -2.41.04 47.07 2.550 -30.084 -2.41.04 47.07 2.550 -30.084 -2.41.04 47.50 47.50 47.50 47.50 47.50 47.50 47.50 -3.50 47.50	50.5	-31.410	47.14	577.	-31.864	47.33	uc7.	-31.846	40.70	2.250	-31.840	4
-30.101 40.85 -25.0 -30.108 47.53 .850 -30.089 47.07 2.550 -30.084 -2.5.374 40.85 1.701 -2.5.30 47.88 2.770 -29.303 -2.5.30 47.89 2.770 -29.303 -2.5.30 47.89 2.85.74 47.50 2.851 -28.574	000	-31.005	40.45	047.	-30.951	14.25	2000.	-30.933	40.04	004.5	-30.92B	46.7
-24.303 -41.28 -27.00 -29.304 +1.28 -40.304 +1.28 -29.303 -29.303 -20.854 +1.28.303 -28.303 -20.855 +1.28.303 +1.28.303 +1	300	191.05-	40.65	٠٤ <u>5</u> ۶	-30.106	47.53	.850	10.084	47.07	2.550	-30.084	6.0
28.5 45.0 28.5 47.85 54.50 54.58 47.50 5.850 5.850 5.850	0.00	4/5.4/2-	40.BJ	0.670	-24.326	47.00	205	405 - 92-	47.30	200	- 20	
	9									2		-

Table 133. Radial Electric Field (Well-Conducting Soil), Frequency = 100.0 MHz, VED Height = 4.50 m

	DHASE HEIGHT DHASE	
CONTROL CONT	Color Colo	TE LONT AMP
1000	173-77 100-10 1	(FA)
10 10 10 10 10 10 10 10	100.000	_
1000 1000 1000 1000 1000 1000 1000 100	100.0000 100.0000	
100 100	100.00	
1000 1000	1000 1000	#01 #0C - KDO:
100	1000	
100 100	100.00	
100 100	120, 120,	
100 100	1000	
110 124 125 126 127 127 127 127 127 127 127 127 127 127	100.00	
110 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	### 100.00	
110 198.030 80.454 110 198.030 80.454 110 19.431 110 19.434 110 19.431 110 19.434 110 19	110. 101. 101. 101. 101. 101. 101. 101.	
1000 1000 1000 1000 1000 1000 1000 100	100. 100. 100. 100. 100. 100. 100. 100.	
100 1 100 100 100 100 100 100 100 100 1	7,000, 10,000,	
10.00 10.00	100.00	
1000	100.01	
100	75.12- 004. 71.5.	
10. 10. 10. 10. 10. 10. 10. 10. 10. 10.	10.00	
100 100	105.05 - 042. 42. 71. 24. 101. 101. 101. 101. 101. 101. 101. 10	
1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	140.49	
1000 1000	145-14- 000- 47-72- 000- 00- 00- 00- 00- 00- 00- 00- 00-	
0.50.	12	
	71,000 - 2,000	
10 10 10 10 10 10 10 10	### ### ### ### ### ### ### ### ### ##	
25.00	44.24	
	0,000	
	442.4. 100. 100. 100. 100. 100. 100. 100. 1	
000. 000. 000. 000. 000. 000. 000. 000	24.00. 2. 3.055 6/422 2. 200 2. 2. 200 2. 20	
	745.00	
000. 1 1 1 1 1 1 1 1 1		
005.2 25.00 1.467 00.43 0.00. 01.467 0.643 0.40. 02.460 0.40. 03.460	13.00 -1.967 60.43 .900 -1.00. 13.00 -1.97.57 60.51 1.000 -1.39.21	:06.7** 780.
1,000 1,	12.00	25° [1- 050.
1.50 1.50	-34.527 66.51 1.050 -34.512	
002.2 20.0 25.4.2.0 1.200.0 25.5.0 25.0 25.0 25.0 25.0 25.0 2		
15.50 15	1.000 -25.65 (2.45) 1.550 -32.61 (2.45) 1.000 -31.61 (2.45) 1.000 -31.61 (2.45) 1.000 -31.62 (2.45) 1.000 -31.62 (2.45) 1.000 -31.62 (3.45) 1.000 -31	
1000. 11.00	.500 -34.077 66.63 [1.500 -34.060	
001.2 22.0 28.0 29.0 10.0 20.0 20.0 20.0 20.0 20.0 20.0 20	-52.0 -52.0	
1.436 67.27 1.400		165 - 26.
.65.0 - 20.321 67.69 1.950 .70 - 24.403 64.73 2.250 .800 - 27.87 64.73 2.250 .800 - 26.824 70.00 2.550 .800 - 26.824 70.00 2.550	.650 -30:321 67:69 1:950 -30:305 .700 -69:315 68:18 2:100 -29:648 .700 -67:376 69:34 2:400 -27:360 .800 -67:376 69:34 2:400 -27:360 .800 -67:376 10:00 2:550 -26:808 .900 -66:138 70:772 2:700 -26:808 .900 -66:138 70:772 2:700 -26:497 1:000 -66:513 71:50 2:850 -26:497	
. 700 - c4.315 66.18 2.250	700 - \$4.31 684.18 2.100 - \$4.348 7.00 - \$4.387 7.00 - \$4.	
.700 -24.404 64.73 2.250 .800 -27.57 64.73 7.400 2.550 .900 -25.50 .900 -2.550		
	.70 -68,403 684,3 5,4550 -28,480 -27,556 -40,400 -27,556 -40,400 -27,556 -40,400 -25,513 -70,513 -70,513 -70,510 -28,497 1.000 -24,443 72.35 3.000 -24,426	
.800 -<7.576 69.34 2.400 .850 .850 .850 .900 2.550 .900 .900 2.550 .900 .900 2.550 .900 .900 .900 .900 .900 .900 .900	.800 -27.576 64.34 2.400 -27.560 .850 -26.824 70.00 2.5550 -26.808 .900 -26.138 70.72 2.500 -26.426 .900 -25.13 71.50 2.850 -25.447 1.000 -24.943 72.35 3.000 -24.926	
.dbu -cb.824 70.00 2.550	.e5u -c6.824 70.00 2.550 -26.808 .90u -c6.13e 70.72 2.700 -26.122 .95u -25.513 71.50 2.850 -25.497 1.00u -c4.943 72.35 3.000 -24.926	
.9uv =c6.13b 7u.72 2.700	.9uv -c6.13e 70.72 2.700 -26.122 .9uv -c5.513 71.50 2.850 -25.497 1.0uv -c4.943 72.35 3.000 -24.926	
000 00 000 000 000		61.92- 075.
049.2 04.17 64.65 064.	1.000 -24.943 72.35 3.000 -24.926	175.42- 485.
000 55.77 140.47- 000.1		·

Table 134. Azimuthal Magnetic Field (Well-Conducting Soil), Frequency = 0.1 MHz, VED Height = 0.00 m

CORD									
Color Colo	¥7 (4	į	;						
(UE) (UE) (UE) (UE) (UE) (UE) (UE) (UE)	1	Σ 4	4	HE JOH	Į	PHASE	HE IGHT	AAT	PHASE
1000	(F.	ĝ	ş	(KM)	(90)	(DE 6)	(E)	(99)	(DEG)
1000 1000	000		_	00000	239	4	0.000	- AB 7	20.00
1000-11 1001-2	0.00	086	-	.100	269	- 3	005	.776	4 4 4 4
1001	.060	7.00	_	707		70-		- 0	
1001 000-12 000	060.	101.	_	300	3	1 1 1	2	000	00.0
1000 1000	.120	7111-	×	004		• -	0		
180. 10.00	150	171	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		1000		002.1	910.1-	-37.66
10 10 10 10 10 10 10 10	180		45	2 4	100.		006.	160.1-	-34.00
1000 1000		2 1	00.01	0 :		-63.63	1.800	-1.161	-38.37
100 100	0.70	001	20.51-	00/•	264.	-43.02	2.100	-1.220	-37.74
1000 1.000	7.0	0	v	900	457	-46.86	2.400	-1.28b	-3/-12
1, 10, 10, 10, 10, 10, 10, 10, 10, 10,	0/2	101.	v	204.	184	-45.62	2.700	1.347	-30.49
10	300	791.	u	000-1	+00	14.22-	3.000	-1.40	-35.17
1.70	.330	- 17 c	v	1.100	1.527	-22.21	005.5	6.53	17.45
1.300	.360	178	v	1.200	440	-22.00	3.640	. 60	24.46
10	.390	100	v	1.300	0/0-	1 . HO	3	444	10.10
	.420	167.	•	1.460	7				20.10
10	450		١.				000	000	77.05-
1,000	081	,	١,	2	110.		000.4	1.057	-34.82
1.00 1.00	9 6		٠.	000	631	•	7.800	-1.663	-34.22
1,000 1,00	070	017.	١.	00/-1	J C O		5.100	-1.696	-31.64
7.0	240	663	v	7.000	668		5.400	-1.727	-31.06
10 10 10 10 10 10 10 10	.570	1.000	v	305.1	686	2	2.700	-1.755	30.46
30	009.	1.630	v	2.000	- 703	2	0000	1.781	100
	.630	- K45	v	2.100	719	02.02-	999	7	76.37
10 10 10 10 10 10 10 10	.660	٠.	v	2.500	c£7	S	0044		
20	069.	C 3 d	v	•	751	-	000		20.00
56	.720	507.	-:	•	766	2	7.7.00		-37.74
11.85	.750		-	·	780	2	7.500		27.34
11. 34 (2.70)	.780	0/7	-	•	107.1	2	2017		
70 -241 -11:74	.810	Š	-	7.	I		2 - 1		***
000. 000.	010	Š		. 5	1	. 1			10.00
50 - 344 - 11.44 3 3.500 - 4845 - 17.58 10.500 - 1.933 - 13.44 7 9.000 - 1.940 - 1.941 1.200 - 1.941	07.0	,	: :	,	1	0 4	0		c) • c > -
550	000	3	-	•	3		20.00		-25.68
350	•	3	•	•	, 10	4	000.7		-24.8]
250									
1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	050	-			1				
10 10 10 10 10 10 10 10		:		•	0.00	٠.	•	∹	÷
10 10 10 10 10 10 10 10	200	3 :		•	7 5	-16.71	•	:	÷
200 - 10.48	? :	9 :	0.11	•	7.4.	-15.68	•	_:	Ď
1.4.20	000		94.01-	•	1.002	-15.10		:	7
1.45	650	074.1	17.01-		1.02	-14.36		:	
50	. 400	1. to	75.47	•	1.037	-13.66		: _	
00477 -y.44 7.000 -1.053 -12.38 21.000 -1.638 -12. 50516 -4.14 7.500 1.056 -11.60 22.500 1.585 -12. 00523 -4.14 4.000 1.056 -11.26 24.000 1.585 -12. 50557 -4.00 1.055 -10.75 25.500 1.487 -10. 50559 -8.49 4.000 1.052 10.68 27.000 1.487 -10.	.950	D/10-	¥0.¥		1.047	-1.5.00		: _	: 4
505147-14 7-500 -1-056 -11-60 22-500 -1-535 -12- 505-3-36-72 6-100 -1-055 -11-26 22-500 -1-535 -11- 505-36-72 6-100 -1-055 -10-75 25-500 -1-4-87 10- 505-36-72 7-5-00 -1-052 -10-26 27-500 -1-4-87 10- 505-36-72 7-5-00 -1-052 -1-0-26 27-500 -1-4-87 10- 505-36-72 7-5-00 -1-0-27 -4-6-3 28-500 -1-4-0 -1-4-87	100	- K+	オオ・ゲー		1.053	-17.38		9	: .
10.25	.250	516	5T . X -		5	1		9	٠,
50544 -4.72 4.500 -1.055 -10.75 5.500 -1.487 -10.60 -1.055 -10.75 5.500 -1.487 -10.60 -1.055 -10.75 5.500 -1.487 -10.60 -1.055 -10.75 5.500 -1.487 -10.60 -1.055 -10.75 5.500 -1.480 -1.055 5.500 -1.480 5.500 5.	004.	£64	6.50		4.0	200	•		• • -
00 50 64-47	.550	¥45.	-4.7	•	1	7	•		:
***	.700		÷			1	•	•	•
***	850		: :		1000	0.01		;	•
			,						•

Table 135. Azimuthal Magnetic Field (Well-Conducting Soil), Frequency = 0.1 MHz, VED Height = 2247.60 m

CLCO									
100.0	rt IGHT	T X 1	FRASE	HE JOHT	Ą	T and	THE T	Ž	DAMO
100 100	Ñ.	(Q.2)	(5)45)	(EX)	1	1 4 1	3	1	4
	000	9	41.4	2000	134		500	~	- 6
	030	074	2.1.5	201.	768	17.71	200	1.340	
1000 1000	090	.440	13.61	2000	962	14.61-	۰	16431	9
1, 2, 2, 3, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4,	060	ŗ	70.6-	305.	7-867	;	•		6
1965 1967 1968 1967 1968	120	100.1		001.	ccb	ъ.	•	-1.590	-34.45
1, 1, 2, 2, 3, 4, 1, 1, 1, 2, 1, 1, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2,	150	£ 1¢.−	10.07	0000	683		•	-1.664	-34.3
1, 2, 2, 3, 4, 1, 1, 1, 1, 1, 1, 1, 2, 3, 4, 1, 1, 1, 2, 2, 2, 2, 3, 1, 1, 1, 2, 3, 1, 1, 2, 3, 1, 1, 2, 3, 3, 3, 3, 3, 3, 3, 3, 3, 3, 3, 3, 3,	180	-, 36.3	-d. 83	.600	o [↑ • −		7.000	-1.734	-33.7
1,000 1,00	-510	.55.	-0.17	.700	-66		2.100	-1.80	-33.1
1,000 1,00	540	2444	-0,70	200.	463		204.0	-1.865	-34.4
1,000	570	244.	-8.04	004.	¥ 4 4 4 4 4	人つ・5.1-	4.700	-1.926	-31.B
1, 10	300	795.	-a.5e	1.000	-1.014	-17.88	3.600	-1.983	-31.2
1,000 1,004 1,7,48 3,900 2,008 1,004 1,1	.330	2/5	å	1.100	460.1-		•	-4.03/	-30.6
	.360	1.00.	ó	•	-1.004	-17.48		-4.08b	0.06-
	966.	L 40	14.0-	•	-1.088	-17.28	•	-2.135	-24.4
	•450	100.	18.34	•	-1.112	90.71-	•	72.160	-59.
	.450	+10	-0.68	1.500	-1.135	-16.08		-2.223	-20.2
	.480	664	77.0-	1.6000	-1.158	-16.68	•	74.26	-11.6
	.510	C.64.	01.0-	1.700	-1.180	-16.48	5.100	462.7-	-21.0
	.540	040.	-8.10	1.000	-1.202	97.91-	304.0	-2.334	-26.4
- 1,74	.570	1500-	10.01	004.1	-1.524	-16.09	5.700	2,360	A - C/C-
7.47 - 7.42 - 6.100 - 1.287 - 12.50	009	000.	-1.48	3000	-1.245	49.01-	000.0	-2.396	
- 1, 24 - 1, 24 - 1, 24 - 1, 2, 50 - 2, 45 - 1, 2, 45 -	•630	4.0.1	-1.76	2.100	-1.266	'n		74.424	-24.7
- 1, 44 - 1, 44 - 1, 34 - 1, 5	099.	3,00-	-/. Bb	4.400	-1.287	š		74.450	-24.5
- 1,13 - 1,74 - 2,400 - 1,327 - 1,5112	069.	>1/0	-7.80	2.300	-1.307	ů		-2.474	-23.6
- 7, 75 - 7, 76 - 7, 76 - 7, 76 - 7, 77 - 7, 7	.720	₹.	_	004.7	-1.327	ď	•	14.490	-23.10
- 731 - 750 - 7500 - 1.300 - 14.74	.750	- 1/65	~	7.500	-1.340	14.		-2.516	-24.65
- 7,57 - 7,57 - 7,140 - 1,385 - 1,450 - 8,100 - 2,550 - 7,7 - 7,45 - 7,40 - 1,404 - 14,15 - 8,400 - 2,550 - 1,10 -	.780	131	_	2.60L	-1.366	;	•	-2.535	-24.14
- 7,51	.810	2+/+0	~	2.700	38		•	-4.55	-21.6
- 1/13 - 1/145 - 1/145 - 1/1418 B 700 - 2.586 - 1/141 - 13.494 9.000 - 2.586 - 1/141 - 13.494 9.000 - 2.586 - 1/141 - 13.494 9.000 - 2.5945 - 1/141 - 13.494 9.000 - 2.6945 - 1/141 -	040	٩	_	٠	1.40	. 4.	00000	-2.560	-21.16
	9.40	٠,/،-	~	٠ د	1.42	1.4.1	۲.	-4.584	-20.6
-7.10 -7.10	000	, (0)	~	3	1.44	3,4		5.595	~ ~
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	000	0 .	01.	•	:		10.500	7.645	-10.0
1.136 -5.49 -5.00 -1.450 -1.141 -1.131 -1.350 -5.705 -1.136 -1.136 -5.49 -5.705 -1.136 -5.49 -5.705 -1.136 -5.49 -5.705 -1.136 -5.49 -5.705 -5.406 -5.705 -5.406 -5.705 -5.406 -5.705 -5.706 -5	200	0 10 10 10 10 10 10 10 10 10 10 10 10 10	70.07	•	•	-12.23	u	-4.675	-10.08
1.130 -5.49 -5.50 -1.850 -9.88 15.00 -2.714 -1.130 -5.49 5.50 -1.850 -9.88 16.50 -2.714 -1.130 -5.49 5.50 -1.850 -1.850 -9.88 16.50 -2.714 -1.130 -5.50 -2.780 -1.848 -1.89 7.79 -2.700 -2.780 -1.390 -2.700 -2.780 -1.89 7.79 -2.700 -2.780 -1.89 7.79 -2.700 -2.780 -1.89 7.79 -2.500 -2.780 -1.89 7.79 -2.700 -2.780 -1.89 7.79 7.89 7.80 7.80 7.80 7.80 7.80 7.80 7.80 7.80			*C *D	•	:.	17.11-	٠,	5.693	-14.36
16.20	200	000.71	97.0	•	•	-10.63	U١	-4.705	-14.8
1.304 - 15.40	000	001.1	66.0	•	058-1-	99 · 6		-2.714	-11-4
1.374 - 5.40 - 6.500 - 7.006 - 8.51 1.500 - 7.740 1.374 1.374 1.500 - 7.006 1.374 1.500 - 7.740 1.374 1.500 - 7.740 1.500 -		01701	2).0	•	1.968	D	000.81	-4.725	-10.≥
1.354 - 55.20	200	505.1-	-2.40	•	- 0000	-8.5.	14.500	-2.740	7.
1.556 - 1.75 - 1.59 - 7.29 - 22.50 - 2.556 - 1.72 - 24.000 - 2.255 - 1.597 - 24.000 - 2.365 - 1.597 - 25.500 - 2.465 - 1.597 - 2.597 - 2.597 - 2.597 - 2.597 - 2.597 - 2.597	200	165.1-	07.6-	•	-<.087	-7.88	21.000	-4.760	-8.21
-1.556 -4.70 8.000 -2.255 -6.72 24.000 -2.821 -1.597 -4.45 8.500 -2.34 -6.19 25.500 -2.863 -1.801 -4.21 9.000 -2.438 -5.68 27.000 -2.913 -1.915 -3.97 9.500 -2.536 -5.21 28.500 -2.972	520	205.1-	56.41	•	'n	62.7-	22.500	-2.786	-7.35
1.097	000	-1.566	74.70	•	ò	-6.72	24.000	12.851	-0.5
-1.4401 -4.21 9.000 -2.438 -5.68 27.000 -2.913 -1.415 -3.47 4.500 -2.536 -5.21 28.500 -2.972	055	769-1-	14.42	•	ż	-0. -0.		-4.863	- V - B
-1.4.11.47 4.500 -2.536 -5.21 28.500 -2.972	00,	100.1-	٠	•	Ň	-5.68		-2.913	25.2
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Table 136. Azimuthal Magnetic Field (Well-Conducting Soil), Frequency = 0.1 MHz, VED Height = 4495.20 m

	1	3	1			:		:
		10.11.	1001	T .	TAA SE	H 54	Ā	PriASt
	000	(010)	Ē	(00)	(OF 6)	Ē	(BA)	(5,5)
	< 2C -	97.0-	0000	196	-15.89	0.000	<79.1-	-34.83
•	*70.	12.d-	.100	186.	-15.69	705.	-1.714	-36.26
	111	+1.0-	247.	-1.010	V4.61-	0000	-1.800	-31.61
	-, CCC	10.01	005.	-1.040	-15.28	004.	1.883	-30.95
	bee	10.0-	224.	-1.075	-15.08	1.200	. 463	-30.37
	-,5/e	₹.c-	000.	-1.110	-14.88	1.500	-<- 04 n	-24.75
	140	-0.04	200.	-1.140	-14.00	1.500	-2.115	-27.13
.210	600	-5.83	20%	-1.171	-14.47-	2.100	-4.180	-20.51
	·10	11.5-	200.	-1.202	12.41-	2.400	-2.255	-21.83
	634	-5.71	224.	-1.634	10.41-	201.2	-7.326	-21.27
	1.041	-2.62	1.000	-1.265	-13.67	3.000	-2.386	-20.00
	cab	¥0.0-	1.100	-1.697	-13.67	3.300	-4.447	-26.US
	700.	75.6-	1.400	-1.329	-13.47	3.600	-2.506	-45.44
	22	17.40	1.300	-1,301	-13.27	3.900	-2.563	-24.84
٠	/10	13.40	004.1	-1.373	-13.01	4・4・2	-2.615	-24.24
١	15).	-0.34	0000	-1.466	-12.87	4.500	-2.671	-23.65
084.	/c/·	22.6-	1.600	-1.45y	-12.68	000.4	-4.724	-23.05
	110	-5.44	1.700	76491-	-16.40	5.100	-4.77	-24.40
7 045.	1.5/	-2.10	1.800	-1.326	-12.28	3.400	-2.819	-21.91
	661	-2.10	004.1	1.560	40.21-	3.700	-4.865	-21.34
	1,0.1	10.01	7.000	446.1-	-11.30	000.0	406.2-	67.02-
.530	1900-	12 A A A A A A A A A A A A A A A A A A A	2.100	-1.628	-11.70	005.0	754.7-	-20.24
	1,00-	76.4-	2.600	-1.003	-11.51	9.600	376.2-	-14.64
	914	4.00	6.300	440.T-	-11.32	004.0	3.035	-17.16
	746	14.00	004.7	•	-11.13	7.500	-3.074	-10.64
	100	17.7-	2000	-1.770	15.01-	7.500	-3.113	-10.12
	U V V • •	14.00	7.600	-1.007	-10.75	7.600	-3.151	-17.61
	50	79.4-	~ 10c	11000	-10.56	9.100	-3.188	-17-11
	20,	14.50	7.800	æ	-10.37	201.0	-3.225	-16.62
•	797	14.00	006.7	r=r=1-	-10.19	9.700	-3.260	-10.14
100 -1.11	711	t t :	3.000	-1. you	-10.00	2020	-3.296	-15.67
		3	904	; ;	1	4	; ;	,
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			9 9 9	001.	60.61	200	2000	7***
	0	70.0	2	-6.3/3	12.61	74.000	13.640	-11.40
	0 .		2000	-4.600	-7.34	13.500	3.8.6	-4.55
	† *	- 3.66	n.coc	cca.>-	-6.5c	15.000	-t.011	-7.87
	0,1	06.2-	305.5	121.6-	-5.67	16.500	-4.222	-6.33
	17.	95.7	000.0	-3.466	14,80	16.000	14.458	7.51
1.950 -6.160	رده	<i>در ۲۰۰</i>	0.500	-3.742	4.05	19.500	-4.721	-3.59
	J.C.	25.11	0000	140.1-	-3.45	21.000	-5.015	-4.33
•	924	-1-54	1.500	714.4-	-2.44	22.500	-5.345	-1.13
	3.063	-1.10	000.0	-4.88/	-1.02	24.000	-5.713	413.
•	153	76	9.500	146.5-	78	25.500	-6-124	1.21
	261.4.	34	220.7	-5.638	01.	27.000	-6.584	Z • 3 7
•	200	٠. در	005.5	4-	7	J		
						000	777	7

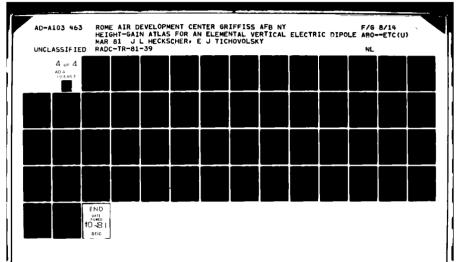


Table 137. Azimuthal Magnetic Field (Well-Conducting Soil), Frequency = 1.0 MHz, VED Height = 0.00 m

California Cal												***********
(401) (401	Icht	ī	774 SE	Tr Lon	A J	TAAUE	Ht 1011	A	77456	HE Junt	A	PMASE
	(××)	(00)	(010)	(x x)	(00)	(UEG)	(F 4)	(90)	(UEG)	(F.A.)	(PA)	CUEG
	000.	909**-	-41.44	0000	-4.1.0	-13.40	000	CB0./-	-11/.33	0000	-18.174	-164.
New York	.003	500-1-	+7.1.	010.	-2.837	-16.13	060.	r + 5 . 7 - 1	-110.HY	091.	カナコ・ケーー	-157.7
1001	900.	* \$ 5 0 ° 7	40.14.	970.	-6.763	-15.11	202.	-7.606	-113.78	002.	-17.832	
100 100	000	1.005	10.01	050.	-2.007	-/1.43	373.	1.841	-111.61	005.	-20.405-	7.771
10012	.012	717.7-	10.04-	040.	¥80.51	-10.74	777.	19.000	-10% 37	004.	-40.d7u	-169.0
0.000	.015	-1.136	54.04-	950.	-3.168	10.04	067.	112.8.	-107.07	000.	-<1.014	-117.03
100.000.000.000.000.000.000.000.000.000	• 0 18	191-1-	-40.63	000.	-3.645	-04° 34	.100	124.9-	-104.73	.600	160.830	-108.7
1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	.021	C01.1-	50.04-	010.	-3.314	10.00-	017.	10.047	-104.35	707.	744.07-	7.55-
1,	•054	-1.510	-37.00	080.	0.65.64	-67.43	047·	18.81	オナ・トナー	008.	-20.036	D.0.
1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	.027	-1.633	-34.EC	342	454.0-	-67.62	017.	754.8-	000/6-	004.	-14.43B	-63.0
11	030	157.1-	74.651	. 1 00	-3.566	14.90-	205.	1.2007	40.04-	1.000	-18.798	3.77-
1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	. o 33	1.000	12.46-	011.	340.5	47.00-	355.	-7.184	-94.50	1.100	-18.151	-74.3
11.10 1	• 036	-4.300	10.65-	150	150.6-	10.60-	000.	- 7. 273	-70.10	1.400	-17.518	1.20-
\$15.00 10.00	• 039	-1,365	-30.61	061.	-3.710	-04.30	255.	オオつ・ケー	-81.73	1.300	-16.411	-64.2
	240.	7 45 . 1 -	-30.00	7.140	-3.766	-03.04	024.	-4.398	-85.33	1.400	-10.333	
1, 20	.045	-1.300	79.40	061.	13.000	76.20-	JC 1,	14.430	-84.36	1.500	-15.784	-58.
	84°	-1.30×	-30.CU	100	-3.872	-62.20	004.	17.458	-80.64	1.600	-15.277	1.56-
	.651	774-7-	44.16-	.170	126.6-	-61.48	014.	-9.405	-76.37	1.700	-14.735	2.5.C.
1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,	• 054	164.1-	-31.74	.100	-3.967	-60.70	U+C.	17.407	-70-15	1.600	-14.343	4-14-
	57	154.1-	-31.50	361.	210.4-	-60.05	U/5.	34.4.	47.44	1.400	-13.918	B.4.4-
-1.50	090	0/4.1-	-31.38	002.	-4.053	-54.34	009.	ハコオ・ハー	-71.89	2.000	-13.519	-48.5
-1.556 -136.77 -26.0 -4.130 -57.22 -20.0 -0.130 -67.91 -2.500 -126.787 -13.560 -13.577 -2.500 -12.787 -2.780 -2.500 -12.787 -2.500 -12.787 -2.500 -12.787 -2.500 -12.787 -2.500 -12.787 -2.500 -12.787 -2.500 -12.787 -2.500 -12.787 -2.780 -2.500 -12.787 -2.780 -2.500 -12.787 -2.780 -2.78	.063	244.1-	-31.18	012.	540.4-	-58.6J	26.90	-4.366	LB * 69-	2.100	-13.142	160.0
-1.556 -36.77	990.	K10.1-	-30.47	022.	-4.130	54.16-	000.	-4.318	16.79-	2.400	-12.787	-45.5
-1,554 - 1,5437 - 1,540 - 1,144 - 1,554 - 1,194 - 1,644,2	• 169	-1.568	-36.77	1630	-4.105	-57.42	0.00	14.260	-66.02	2.300	-14.45	L.44-
1.28c -10.37	.072	-1.545	15.05-	042.	14.140	-56.52	.740	101.4	-6**50	2.400	-14,135	-43.6
-1,-25c -36-16	.075	-1.504	-30.37	962.	-4.468	£6.44-	0€7.	-9.122	-64.45	6.500	-11.834	5.5*-
-1,-27 -32,-76 -4,-283 -34,-77 -4,-482 -57,-16 -57,-16 -57,-16 -57,-16 -11,-278 -13,-76 -4,-287 -53,-16 -2,-200 -11,-278 -1,-21 -35,-56 -2,-200 -10,-31 -35,-16 -2,-31 -35,-16 -2,-31 -35,-16 -2,-31 -36,-16 -2,-31 -36,-16 -2,-32 -3,-32	e 0 7 8	790.1-	-36.16	002.	74.257	-55.14	.780	110.41	-60.17	2.600	445.11-	-41.2
-1,025 -33.70 -6.330 -53.10 -6.377 -50.14 -5	.081	440.1-	37.46	072.	-4.683	C4.4C-	010.	-8.96	-54.16	2.700	-11.278	-40.3
-1,-0,-4 - 33.0 - 43.10 - 46.787 - 50.14 - 50.14 - 5.016 - 10.775 - 10.541 - 50.14 - 5.016 - 5	• 0.84	-1.010	-35.76	087.	706.4-	-53.17	049.	-8.876	-57.62	2.800	-11,021	24.6
-1.05 - 1	.087	. 2001-	45.56	062.	-4.330	-53,10	0.4.	-8.787	-50.14	2.400	-10.775	-38.7
-1,750 -34.30 .350 -4.455 -49.19 1.050 -6.217 -44.49 3.500 -9.515 -1.790 -3.541 -40.19 1.050 -7.730 -43.48 4.000 -7.730 -7.730 -7.344 -4.000 -7.730 -7.344 -4.000 -7.730 -7.344 -4.000 -7.349 1.550 -7.344 -7.500 -7.348 -7.500 -7.344 -7.500 -7.348 -7.500 -7.548 -7.500 -7.548 -7	360.	V+0-1-	-35.36	000.	-4.350	->2.43	004.	-8.696	-54.72	3.000	-10.541	٠, ٢٥
-1,75c -34,35 .350 -4,461 -46,14 1,050 -7,277 -48,49 3,500 -7,15 -46,44 1,050 -4,348 4,000 -4,461 1,500 -7,277 -39,41 4,000 -7,485 -1,145 -31,44 4,000 -4,461 1,500 -7,277 -39,41 4,000 -7,485 -1,145 -31,44 4,000 -4,461 1,500 -4,962 -36,00 -7,394 -1,145 -31,44 4,000 -4,48 -3,15 1,500 -6,482 -36,00 -7,394 -3,15 1,500 -7,394 -3,15 1,500 -7,394 -3,15 1,500 -7,394 -3,15 1,500 -7,394 -3,15 1,500 -7,394 -3,15 1,500 -7,394 -3,15 1,500 -7,394 -3,15 1,500 -7,394 -3,15 1,500 -7,394 -3,15 1,500 -7,394 -3,15 1,500 -7,394 -3,15 1,500 -7,394 -3,15 1,500 -6,484 -3,15 1,500 -4,17 -3,13 1,500 -5,14 -2,14 1,500 -4,17 -31,34 1,500 -5,14 -2,14 1,500 -4,17 -31,34 1,500 -5,14 -2,14 1,500 -4,17 -31,34 1,500 -4,494 -2,18 1,500 -4,17 -2,18 1,500 -4,17 -2,18 1,500 -4,17 -2,11 1,500 -4,												
-1.75 -33.38	3.05	-1.760	114.10	350	4,4	77.74	2000	-8.217	01-21-	3.500	-9.515	- 54.
-1.256 -32.41	120	7.50	-35.38	204	14.461	+1.04-	1000	-7.730	14.0.4-	000	-8.500	-32.2
-1, 71, 3, 31, 25, 30, 0, -4, 48, -40, 63, 1, 50, 0, -6, 48, 2, 30, 06, 18, 20, 18, 20, 18, 20, 18, 20, 18, 20, 18, 20, 18, 20, 20, 20, 20, 20, 20, 20, 20, 20, 20	135	-1.858	-36.41	000	-4.403	-43.2B	1.350	17.277	-34.41	9.500	-7.485	-30.1
-1,77530,53	150	576.1-	-31.40	005.	B54.4-	50.04-	1.500	-6.852	-30.06	5.000	-7.358	-48.3
-c.uc24.54 .000 -4.331 -35.93 i.800 -0.110 -30.92 6.000 -6.458 -0.000 -5.458 -0.000 -5.458 -0.000 -5.458 -0.000 -5.000	.165	796.1-	£4.0F-	955.	-4.393	-38.18	1.650	-6.463		2.500	-6.835	-26.B
-c.u4c -28.74 .050 -4.258 -33.87 1.950 -5.790 -28.91 6.500 -6.076	.180	-4004	-49.63	2000	-4.331	-35.93	009.1	-6.110		9.000	-6.458	-45.4
-c.u74 -27.88 .700 -4.177 -31,94 c.100 -5.494 -27.18 7.000 -5.739 -27.105 -7.500 -5.739 -27.105 -7.500 -5.4	.195	740.7-	-28.74	040.	-4.258	-33,87	964.	-5.790		6.500	-6.076	
-2.102 -2/.05 .750 -4.091 -30.25 2.250 -5.466 7.500 -5.460 -2.102	.210	-20074	-27.88	004.	-4.177	-31,98	991.2	15.494		7.000	-5, 739	-43.1
-c.ic> -20.24 .800 -4.002 -28.68 c.400 -4.996 -24.33 8.000 -5.173 -2.174 -25.46 .8.50 -4.780 -23.15 8.500 -4.32 -2.144 -2.154 .2.47 .9.62 -2.59 2.50 -4.780 -2.315 8.500 -4.32 -2.104 -2.104 -2.105 8.500 -4.215 -2.107 .8.210 9.001 -4.510 -2.107 .2.1	522	201.2-	-21.05	.750	160.4-	-30.45	2.250	-5.236		7.500	-5.440	-25.5
-c.i44 -c.246 .850 -3.41 -27.23 2.550 -4.780 -23.15 8.500 -4.432 -2.510 -4.562 -22.09 9.00 -4.432 -2.510 -4.562 -22.09 9.00 -4.515 -2.113 9.500 -4.519 -2.113 9.500 -4.519	042.	-4.165	-50.24	909.	700.4-	-28.68	204.5	966.4-		8.000	-5.173	-61.7
-2.15u -24.7u .90u -3.82l -25.9l 2.7uu -4.582 -22.09 9.000 -4.715 -2.1/3 -23.97 ,95u -3.732 -24.7u 2.85u -4.40l -21.13 9.500 -4.519	• 555	-4.1.7-	-42.46	oda.	114.5.	-27,23	044.5	14.780		8.500	-4.932	-40.5
	c 70	-4.100	-24.70	205.	-3.821	-25.91	2.760	-4.582		9.003	-4.715	-19.7
	4											

Table 138. Azimuthal Magnetic Field (Well-Conducting Soil), Frequency = 1.0 MHz, VED Height = 224.76 m

1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,												
(UCC)	Fro	Ţ	7747	HC [6A]	a 1	Y HASE	HE 1641	Ā	4 5 4	THE TOM	Q M	7
No.	Σ¥	(00)	(050)	ĐY)	(90)	(010)	(F.M.)	(90)	(1)	3	1	1 1
10000 100000 100000 100000 100000 10000 10000 10000 10000 10000 10000 10000 10000	000	-4.033	90./2-	2000	-4.143	44.74-	00000	-8.730	-101-17	0.000	-20 . u05-	-147.1
	500	-4.000	-40.00	0.00	-4.236	14.45-	050.	74.01	-44.13	001	-20.474	7
17.22	900	101.3-	40.00	200.	V 15.4-	-20.63	. 050	-7.240	-47.00	002.	-41.665	45.151-
### 12 000 0 000 0 000 0 000 0 000 0 000 0 000 0	500	-6.133	-400-	0.00	707"7-	cc. cc-	0 \ \ J .	V 27 . V .	12.14.	300	Br/ .27-	-142.07
1000 1000	٠ د ۲	101.7-	-60.65	040.	-4.407	-54.80	.140	-7.710	-94-61	004.	-24.711	-111.77
1,	200	-4.100	*0.07-	000.	795.4-	-54.17	. i 5 v	426.4-	-90.32	.500	-44.858	-101-15
1,000	970	-4.613	+0.C>-	200.	14.040	-53.47	.180	-10.120	94./9-	009.	-42.738	78.05-
1,	770	-6.639	-KD.63-	2/20	121.5-	-56.70	017.	-10.307	-85.60	007.	-66.394	-61.33
1,	* !	C03.7.	-65.43	200.	-4.735	474.00	0+2+	174.01-	-83.19	009.	068-17-	-72.90
10.10	027	047-7-	77.67-	0 × 0 •	-4.867	cs.1c-	0/2.	-10.618	-00.76	000	-21.273	-65.67
	0.00	-6.310	20.62-	001.	-4.436	-50.0¢	005.	-10.747	-70.32	0000	564.02-	74.24
1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	633	-6.346	14.47-	011.	-5.003	75.53-	055.	110.011	-73.H7	1 1 00	-20.000	44
	960	105.3-	10.47-	.100	-5.068	17.64-	300	+56 · 01-	-7.5.6.	1000	-19.377	3
	633	266.24	74.40	. l 30	-5.131	44.64	085.	-11.031	-74.00	015.4	-18.771	71.44-
	C 4 2	114.2-	12.42-	011.	141.4-	-47.70	074.	760.11-	-60.00	0001	27	
	045	744.7-	VV.07-	150	UC2.C-	47.00	UC+.	-11.136	-66.23	1.500	-17.054	-60.04
	040	104.7-	-43.17	100.	-5.306	-46.34	094.	-11.166	27.79-	1.600	-17.144	44.75
	150	764.7-	BC.52-	.170	-5,360	-45.b3	015.	-11.181	-61.62	1.700	-10.665	45.45
1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	400	-c.51c	-63.30	797.	714.4-	74.75	.540	-11.18	-5 % 34	1.000	-10.210	-43,34
	22	1+6-2-	-63.17	767.	-5.402	U5.44-	3/4	-11.17	-51.63	1.400	-15.734	131.04
	9	C3C*7-	-45.77	200.	*3C.C-	グオ・ウォー	220.	-11.150	-55.12	000°2	-15, 398	40.04
	063	J K C J J C	-44.10	.410	-5.5 55	-46.73	.630	-11.117	-53.08	2.100	-15.025	-48.60
	990	-10.7-	-<<.>50	022.	445.4-	-42.08	.660	-11.076	-54.10	2.200	-14.674	17.73
	660	-4.638	-66.35	.230	140.4-	-41.38	369.	-11.026	-47.20	2,300	-14.343	50.07
	21	700.7-	-64.15	047.	-5.641	¥0.04.	.740	016.01-	-47.36	2.400	-14.031	- 44.43
	0	-4.546	-61.95	9420	-5.719	¥> *> -	05/.	100.01-	-45.59	2.500	-13.735	- C3- 88
7.1.5 (1.5.4) - (1.5.4)	9.0	40/03-	-61.74	. 460	<41.4-	-39,30	.760	-10.83b	-43.84	2.600	-13.455	16.55-
	9 :	-6./33	-41.54	0/2.	-5.790	-38.62	079.	-10.766	-44.25	2.700	-13.189	****
	1 1	/ - -	-61.34	0 B Z	-5.862	-37.94	0,00	489.01-	99.01-	4.800	-12.937	-41.13
	000	20/ - 2-	-41-14	062.	-5.853	-31.67	0/0.	-10.60%	-34·18	2.900	-12.697	-40.33
-14.75 - 14.75 - 14.00 - 14.00 - 14.00 - 14.476	٥ ٢	-6.00.3	56.02-	900.	-5.863	-36.60))	-10.527	-37.74	000.5	-12.408	-19.51
-3.0.47 - 12.5 - 5.0 - 0.004 - 33.35 1.000 -10.004 -31.37 3.500 -10.47 -12.5 -12	į											
-3.14 - 110.94 - 4.00 - 0.099 - 10.27	507	~T	54.41-	045.	P00.0-	-33,35	000.	960.01-	-31.37	3.500	-11.476	-16.28
-3.40 -10.40 -6.20 -6.20 -10.00 -6.20 -10.00 -6.40 -10.00 -6.20 -10.00 -10.40 -10.00 -10.40 -10.00 -10.40 -10.00 -10.40 -10.00 -10.40 -10.00 -10.40 -10.00 -10.40 -10.00 -10.40 -10.00 -10.40 -10.00 -10.00 -10.40 -10.00 -10.40 -10.00 -10.40 -10.00 -10.40 -	071	****	10.01-	201	7.F.O.	-30.6-	1.200	-7.666	-26.20	000	-10.680	-13.65
-3.450 - 10.47	ر در ز	-3.14/	06./1-	.450	-0.104	-27.30	1.350	17.264	-21.97	4.500	-10.031	-11.45
-3.473 -10.04	05.	-3.00	77.01-	.500	-6.20%	-44.04	1.500	-8.897	-10.47	5.000	554.5-	-4.57
-13.400 -10.10	597	7/7.7-	10.01-	955	-6.238	-42.11	1.650	-8.571	-15.52	5.500	840.6-	24.7-
-1.500 -14.10	000	13.430	01.61-	900	-6.257	-14.76	1.600	-8.285	-13.00	6.000	-8.674	4.45
-3-47 - 13-67 - 700 -6-279 -15-55 2-100 -7-825 - 4-91 7-000 -4-099 -3-635 - 13-67 2-3-645 - 17-22 7-3-645 - 17-22 7-3-645 - 17-22 7-3-645 - 17-22 7-3-645 - 17-22 7-3-645 - 17-22 7-3-645 - 17-22 7-3-645 - 17-24 7-3-645 - 17-24 7-3-645 - 17-24 7-3-645 - 17-24 7-3-645 - 17-24 7-3-645 - 17-24 7-3-645 - 17-24 7-3-645 - 17-24 7-3-645 - 17-34 7-3-645 - 17-34 7-3-645 - 17-34 7-3-645 - 17-34 7-3-645 - 17-345 7-3-645 - 17-345 7-3-645 - 17-345 7-3-645 - 17-345 7-3-645 - 17-345 7-3-645 - 17-345 7-3-645 - 17-345 7-3-6	ر <u>د</u>	2000	-14.10	950.	-6.269	-17.58	1.950	-8.037	-10.82	6.500	-8.360	-5.12
-13.501 - 116.54	017	-3.115	-13.61	2007.	-6.279	-15.55	2.100	-7.825	16.8-	7.000	960°P-	16.5-
-3.70 -11.50 .800 -6.300 -11.92 2.400 -7.494 -5.70 8.000 -7.697 -4.073 -10.64 .850 -7.697 -4.073 8.000 -7.697 -4.073 -10.64 .850 -7.559 -7.372 -4.31 8.500 -7.549 -4.174 2.700 -7.274 -3.05 9.000 -7.543 -4.073 2.800 -7.374 -7.35 -7.35 -7.35 -7.35 -7.35	552	7.0.6-	-14.38	. 750	-6.288	-13.67	0<2.5	-7.645	-7.22	7.500	-7.878	2. 2
-4.073 -14.64 .850 -6.316 -10.30 <.550 -7.372 -4.31 8.500 -7.544 -4.174 <.700 -7.574 -3.05 9.000 -7.430 -4.430 -4.45 9.00 -7.430 -4.45 -4.65 9.00 -7.430 -4.45 -4.65 -4.60 -7.354 -4.65 -7.35	042	14.51	-11.50	9.	-6.300	-11.92	2.400	-7.494	-5.70	8	-7.697	2.1.
-4-14-1 -4-16 -6-33 -4-74 -7-27 -3-05 9-000 -7-430 -7-400	255	-4.073	-10.04	9.50	-6.316	-10.30	005.5	-7.37	-4.3]	9.500	-7.549	-: 7
450 - 46.1- 441.7- UC8.5 6.36 - 0.46. 044. C56.4- C56.4-	570	141.41	5/.	004.	-6.337	-H. 74	2.700	-7 374	4			
	S X						,,,	- 4	0000	7.000	05	-

Table 139. Azimuthal Magnetic Field (Well-Conducting Soil), Frequency = 1.0 MHz, VED Height = 449.52 m

Color Colo												
CCC	_	Į Į	FHASE	AE JUHT	A	F HASE	Ht.1⊍HT	Ą	PHASE	JE JCHT	A	AH 7
		(00)	(UEG)	(KA)	(90)	(UE G)	(MM)	(90)	(OEG)	(KM)	(DG)	IDE
10, 10, 10, 10, 10, 10, 10, 10, 10, 10,	•	144.	-11.55	00000	14.447	16.56.4-	000.0	-9.433	-63.00	0.000	-20.476	- 164.1
1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,		170.	+5 • 11-	010.	-4.035	-42.03	050.	469.4-	96.08-	.100	-21.852	-117.1
1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,		267.	-1 /- 1-	020.	-4.623	-41.45	000.	135.61	-78.85	.200	-24.643	-106.7
1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,		200	5F.97-	20.	-4.710	-41.27	373.	-10.199	-76.68	906.	-63.284	7.66-
	•	27.	-10.74	040.	14.736	95.04	.100	-10.431	-74.45	004.	-23.706	-66.5
		13/	JC*91-	000.	14.880	-34.88	7.	-10.650	-74.16	.500	-23,463	-78.5
1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,		101	-10.31	090.	204.4-	-39,18	.lou	-10.855	-64.83	009.	-23,750	-67.7
	•	٠,٢٠	-10.10	0.0	12.044	-38.4B	012.	-11.046	-61.45	.700	-23.410	-58.1
7.2.2.2.1.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.		277.	1,0,00	080.	-5.1 گ	-37.78	047.	-11.22	-65.04	009.	-22,407	144.
		۲۲2.	-15.69	363.	-5.204	-37.07	0/2.	-11.382	-64.60	004.	-22,310	-42.6
		242	24.01-	001.	-5.681	-36.36	000.	-11.520	-60.15	1.000	-21.670	-36.0
		326	-15.27	011.	-5.358	-35.64	066.	-11.655	-57.68	1.100	-21.024	-30.7
1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,		ςcι.	-15.07	.140	-5.433	24.45-	195.	-11.767	-55.22	1.200	-20.392	-40.
		222.	-14.00	061.	-5.507	-34.61	340	-11.864	-54.76	1.300	-14.787	-42.3
		774.	-14.65	. 140	*7c.c.	-33.44	024.	546.11-	-50.32	1.400	-14.213	0.67-
1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,		154.	*****	051.	-5.651	-32.11	944	-14.011	16.74-	1.500	-18.673	
1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,		14.	-14.63	001.	-5.721	-32.05	004.	-12.063	55.64-	1.000	-18.166	
		125.	70-51-	.170	161.4-	-11.33	014.	-14,104	-43.18	1.700	-17,692	
		563	-13.01	091.	-5.859	-30.61	044	-12,128	-40.00	1.800	-17.248	
		000.	-13.60	041.	-5.926	40.67-	0.25.	-14.14	-36.63	1.900	-16.833	
		150.	-13.39	002·	266.4-	-49.17	220.	-12.145	-30.43	2.000	-16.443	
		6/0	-13.18	017.	-6.057	-49.45	050.	-12,138	-34.29	2.100	-16.07B	
		+1/	-14.97	022.	-6.121	-47.73	.660	-12.122	-34.21	2.200	-15.736	
		٤ć/.	-14.76	062.	-6.184	-27.01	250.	460.21-	-30.18	2.300	-15.414	
		.79.3	-14.55	042.	-6.246	-26.30	.760	-12.068	-24.22	2.400	-15.111	
		.033	-16.34	062.	-6.307	-45.58	.750	-14.034	-<6,33	2.500	-14.426	*
	•	1/0.	-14.14	1420	-6.368	-24.87	.780	-11.990	-24.49	2.600	-14.557	5 •
-3.45 - 11.70	•	914.	-11-71	072.	-6.427	-24.15	010.	-11.943	-24.72	2.700	-14,304	~
-3.00 -11.27 -22.03 .900 -11.840 -19.35 2.900 -13.834 -10.50 -13.834 -10.50 -13.834 -10.50 -13.834 -10.50 -13.834 -10.50 -13.834 -10.50 -13.834 -10.50 -13.834 -10.50 -13.834 -10.50 -13.834 -10.50 -10.10 -13.834 -10.50 -10.10 -13.834 -10.50 -10.10 -13.834 -10.50 -10.10 -13.834 -10.50 -10.10 -13.834 -10.50 -10.10 -13.834 -10.50 -10.10 -13.834 -10.50 -10.10 -13.834 -10.50 -10.10 -13.834 -10.50 -10.10 -13.834 -10.50 -10.10 -13.834 -10.50 -10.1	•	372	-11.70	082.	-6.486	-23.44	240.	£68.11-	-21.01	2.800	-14.064	3,4
-11.67 -10.19 -26.03 -900 -11.784 -17.75 3.000 -13.624	•	100.	K+-77-	042.	-6.545	-42.13	.670	-11.840	-1 % 35	006•≳	-13.838	7.4
-10.19	•	0 40	-11.67	900.	-0.602	-24.03	204.	-11.784	-17.75	3.000	-13.624	, ,
-3.55.3 -10.19												
-3,792 -7,973 -4,010 -7,152 -15,09 1,200 -11,199 -4,48 4,000 -12,013 -13,072 -15,073 -12,013 -10,072 -13,072 -13,073 -13,072 -		c/2.	-10-19	045.	-6.882	-18.53	1.050	484.11-	-10.56	3.500	-12.712	6
-1, 7, 7, -1, 5, 7, 7, -1, 5, 1, 1, 2, 1, 1, 2, 1, 1, 2, 1, 1, 2, 1, 1, 2, 1, 1, 2, 1, 1, 2, 1, 1, 2, 1, 1, 2, 1, 1, 2, 1, 1, 2, 1, 2, 1, 2, 2, 1, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2,		, 26.	40·41	004.	-1.152	-15.09	1.200	-11.199	87.4-	000	-12.013	12.6
		76)	-7.47	. 50	P1+-1-	-11.72	1.350	-10.945	7.	4.500	-11.475	15.7
		797.	79.9-	.500	-7.685	04.8-	1.500	-10.733	5,31	2.000	-11.066	16.5
		C45.	-5.63	944.	-7.958	-5.12	1.650	-10.576	4.43	5.500	-10.762	41.1
-5.074 -3.11 .650 -8.538 1.38 1.950 -10.420 16.80 6.500 -10.403 -5.473 -1.75 .700 -8.853 4.66 2.100 -10.467 20.25 7.000 -10.325 -5.474 -3.4 .750 -4.187 8.00 2.250 -10.466 23.67 7.000 -10.303 -6.374 2.73 .800 -9.565 11.45 2.400 -10.566 27.11 8.000 -10.304 -6.374 2.73 .800 -9.565 12.40 2.550 -10.667 30.63 8.500 -10.401 -7.41 4.78 .900 -10.754 2.755 2.850 -10.009 34.14 9.500 -10.664		* / 34	24.4	200.	-8.241	-1.87	1.800	-10.472	13.22	000.9	-10.545	23.6
-5.473 -1.75 .700 -8.453 4.86 2.100 -10.417 20.25 7.000 -10.325 -5.410 -10.417 20.25 7.000 -10.325 -5.410 -10.417 20.25 7.000 -10.323 -5.410 -10.417 20.25 7.000 -10.330 -5.410 1.25 .400 -9.25 11.45 2.400 -10.540 27.11 8.000 -10.330 -6.47 2.70 1.0.54 34.53 9.000 -10.401 -7.410 1.0.54 34.29 9.000 -10.401 -7.420 5.43 3.43 3.43 9.000 -10.401 -7.420 5.43 34.14 9.500 -10.404		, v.v.	11.5-	3650	-6.538	1.38	1.950	024.01-	16.80	6.500	-10.403	26.6
-3.4 -3.4 -3.4 -3.5.4 -3.4 -3.5.4 -3.		.44.	-1.75	002	-8.853	4.06	2.100	-10.417	50.25	7.000	-10,325	78.6
-0.3/0 1.25 .800 -9.545 11.45 2.400 -10.546 27.11 8.000 -10.330 -0.874 2.43 8.500 -10.330 -0.874 2.43 8.500 -10.601 -10.601 -10.874 18.87 2.700 -10.605 34.29 9.000 -10.507 -1.411 4.78 .900 -10.754 22.45 2.850 -11.009 38.14 9.500 -10.644		97.	٠. ١٠.	.750	-4.187	00.0	2.250	110.460	23.67	7.500	-10.303	31.5
-0.01,		ָם ירי		00 P	545.4-	11.45	7.400	-10.546	27.11	8.000	-10.330	**
-/		1/0	6.73	300	-4.925	15.06	4.550	-10.669	30.63	9.500	-10,401-	37.
-10.00 -1		779	D	205	-10.324	18.87	2.700	-10.825	34.29	9.000	-10.507	0,0
		7										

Table 140. Azimuthal Magnetic Field (Well-Conducting Soil), Frequency = 10.0 MHz, VED Height = 0.00 m

				10014 KEROO EV 0001	102147110		10::::::::::::::::::::::::::::::::::::		-	30MAXWBUU MA U • U • U • I	
	_		nr. lon	Ā	FHASE	Tro! ar	Ą	PHASE	HE I GRI	Ą	PHAS
Dec. Co.	_		(M.Y.)	(00)	(OF 6)	E K	(90)	(056)	(m x)	(PO)	CDEG
10 10 10 10 10 10 10 10		-	0000	-37.384	-160.65	2000	170.71-	05.421-	0.000	080.14-	-130.3
			010.	154.65-	-105.31	060.	-*5.05¤	-67.60	• 1 00	-46.121	4.45-
1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,			027°	-37.081	10.58-	.000	-40.11/	15.44-	002.	-34.455	÷ 97-
Company Comp		•	250.	-35.440	C0.00-	3.00	-36.647	-35.73	000.	-10,383	1.47-
1,			777	-33.680	-55.76	777.	-34.124	-31.42	004.	-13.475	-43.1
Color			000.	-34.064	75.84-	150	-36,167	-24.84	004.	-31.947	-64.3
1, 10, 10, 10, 10, 10, 10, 10, 10, 10,			900	-30.662	-43.67	001.	-30.575	-27.10	.600	-30,383	-41.0
1,			2/0.	-47.364	64.46-	0170	-69.633	-23.85	.700	-63.009	-41.3
1,			200.	-60.240	-36.69	047.	-ca.087	24.B4	000.	666.12-	0-61.0
			070	-47.453	-34.47	072.	-67.086	-24.13	004.	B44.07-	-40.7
			2001.	-66.364	-32.00	0000	-46.187	-23.51	1.000	-<6.067	C.02-
			211	466.67-	17.15-	95.5.	-65.483	55.72-	1.100	-42.674	-40-4
			021.	170.47-	76.67	300	-64.653	-26.54	1.500	466.42-	0.02-
			25.1.		76.97	7.5	-63.980	-74.15	1.300	-23.835	5.61-
			3	475		3	16.4.37	0W-12+	004-1	## 7 - 7 -	- 14. 7
			<u> </u>	7	17.77	1	V 04 - / / -	24.10	004	477.77	. 6
				3 (3)	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	1 1	72.	10.101	204		1
			•	*****	10.02		17.7	17.77	000	502.22	1
			?	616.12	-42.80	010	181.12	66.02	1.00	C1/17-	
			28.	-61.443	-65.36	O	-61.318	-20.71	000.	957.17	~ ·
			⊃ * T •	-<1.001	10.47-	0/5.	788.07-	44.02-	. 400	-40.865	7.7.
			0020	-40.584	-24,34	. 600	120.02	-20.28	7•000	-40.417	7.27-
			.clu	-60.187	-43.41	.630	760.02-	40.02-	2.100	-<0.032	D. D
			222.	-19.415	-43.54	.000	-17.41	7.50	00>•>	-17.666	-18.6
			165.	404.4T-	-23.15	0.0	-19.36	-19.73	2,300	-17,318	-18.5
			047.	-15.120	-44.81	.740	870 KT-	-17.56	2.400	-18.487	-16.4
100.0			UC>.	-18.797	-22.49	uc/.	-14.710	17.61-	2.500	-18.670	-18.3
			747.	-10.488	-42.13	08/.	404.81		2.600	-14,368	-18.4
			012.	-16.192	16.12-	210.	-18.113		2.700	-14.078	-18.
1.00			082.	VOV. 71-	-21.05	340.	-17.834		2.800	-17.600	-18.0
17.277 1.000 1.0		•	047.	-17.637	46.15-	2/2	-17.565	·	006.2	-17.534	-17.4
		·	005.	-17.376	-21.16	224.	-11.307	Ī	3.000	-17.277	-17.8
	2.01- 201.	•	מלני.	100	71.07 -	9,0	-16.150	11.401.	005.5	-16.127	-17.6
			304	410	3		72.	7 7 7	900		
				747	2 1 1	2	3000	00011		710 710	
			2				430		000		
			000	2000		200.1	143.593	90.01	200	200.01	
1.00.4 1			200	104.3		000	7*6*7	97.01	0000	266.21-	
			200	16.306		200	105.2	04 °C 7 •	200.0	-16.333	
-11,-35 -10.70 -11,381 -15,47 2,100 -11,366 -12,22 7,000 -11,360 -10,431 -12,400 -10,431 -12,400 -10,431 -10,4			000	-11.856		Jev	11.835		6.500	-11.832	
-10-05-7 -10-03 -7-00 -10-9448 -15-548 -2-500 -10-936 -10-949			007.	-11.381		7.10n	-11.366		7.000	-11.360	
-10.56 -17.46 .000 -10.55 -15.21 2.400 -10.56 -14.60 0.000 -10.538 -10.57 -10.647 .000 -10.189 -14.67 .000 -10.189 -10.179 -10.180 -10.180 -10.179 -10.170 .000 -0.000 -0.00179 -10.57 -10.57 -10.00 -0.000 -0.00179 .000 -10.25 -10.25 -10.70 .000 -0.258 -12.70 .000 -0.258 -12.70 .000 -0.258			nc/.	-10.94B		U<5.>	-10.936		7.500	-10.431	
-10.17 -10.47 .450 -10.189 -14.87 2.550 -10.180 -14.52 8.500 -10.170 -10.180 -10.170			008.	-10.552	-15.21	2.400	-10.544		8.000	-10,538	
£38.4- 000.4			850	-10.184	-14.87	J.550	-10.180	-14.32	8.500	-10.176	
\$25.41 005.6 05.61 856.44 058.8 85.41 446.44 054. 054.11 446.44			206.	+5P.4-	-14.55	2.700	998.6	-14.05	000.0	-4. A+3	

Table 141. Azimuthal Magnetic Field (Well-Conducting Soil), Frequency = 10.0 MHz, VED Height = 2248 m

								1 4 6 9 5 1 1 1			
1c 10m7	Σ 1	1047	7E 16H1	1 2	PHASE	nt lon!	Ā	PH4SE	nt Junt	A	PHASE
í	<u>ن</u>	(1)	E Y		() ()	£ 4		(OE 6)	£ ((PQ)	(UE 6)
106.62- 000.0	0 4	75.47	000		75.57	20.0		-14.37	000.0	-50. db	-79.7u
•	1 1	0 4	2 :		70.00-	000		10.4	001.	045.54	101
•	010	10.0	270		4. 4.	9 3		7 7		002.65	72.07
•	754	40.33	240			3	5.14.6.5		9 0	1 4 4 1 2 2	77.61
٠	107	-33.73	3000) F • T	061.		74.12	005	-31.423	(8,6)
•	700	-33.40			7.06	201.		23.43	0000	-27.000	78.07
13°52 - 150	\$ T 2	-61.2-	070.		10.77	012.		54.69	. 700	-60.347	45.65
	171	-66.37	2020		13.61	047.		23.65	200.	-61.218	46.67
.U27 -24.13c	136	90./1-	340.		15.03	0/70		20.41	227.	-46.228	VB. 47
	503	04.51-	001.		17.63	905.		51.04	1.000	-45.348	30.14
	90/	17.14	011.	166.42-	17.11	066.		75.12	1.100	-<*.55b	30.36
	127	10.	.100	-64.154	CC.02	300		24.03	1.200	-43.838	30.57
	200	14.5-	061.	-63.486	71.41	340		50.43	1.360	-63.101	30.75
	756) · · ·	0 1 •	-44.80c	66.33	024.		20.78	1.400	-22.576	50.43
	000	7.7	. I 56	-66.200	43.14	044.		27.11	1.500	-24.016	31.09
	7 3 3	£4.5	001.	-61.124	< 3.85	2004.		29.40	1.000	-41.446	31.25
	2000	24.6	77.	cc2.12-	K+.+7	014.		23.67	1.700	-51.004	31.40
.054 -20.	* 70	710,	001.	-cv.788	10.62			24.42	1.600	-40.53	11.54
	757	10.0	0.1.	-60.348	45.53	2,5.		30.15	004.1	-40.14	31.68
	100	10.08	107.	256.61-	70.07	220.		30.37	000°2	-17./1-	19.15
163 - 17.50/	/ باد	11.37	012.	146.41-	46.51	050.		30.58	S-100	-14.357	31.4
	, 0	46.51	022·	F61.71	26.96	000.		30.77	2.200	-18.474	36.07
	c f a	10.01	7620	-10.017	67.30	.640		30.45	2.300	-18.629	32.19
	717	4.05	0.40	199-91-	47.00	120		31.14	×.400	-18.301	36.36
	917	10.01	UC).	191.01-	70.00	, ' Ju		16.10	₹.50°	-17.488	32.43
	704	13.40	707.	446.71-	68.31	186		31.48	5.600	-17.669	32.55
	7	97.,1	0/2.	-1/.563	78.61	210.		31.64	₹.700	-17.403	32.67
10.11- 480.	٥/ ٢	10.01	087.	-17.283	20.90	. 840		31.80	2.800	-17.129	34.70
7	717	18.75	0630	-17.015	77.17	0/0.	-16.91	31.95	00A.V	-10.000	32.40
7	0000	14.41	005.	-10.73d	24.42		•	34.10	3.000	-10.614	33.01
	;	1	: 1	101	1		: :	:			:
	7 :	02.22	200	909.51-	10.00	1.050	120.61	34.80	3.500	-15.486	33.56
	*	10.47	004.	114.047	11.54	7.500	-14.568	33.44	4.000	-14.538	¥0.
	30%	* 0.	200	13.863	34.40	1.50	-13.755	34.05	.500	-13,729	34.61
	7	99.77	2000	-13.112	£1.50	7.500	140.61-	34.63	2.000	-13.028	35.12
-16.	C 10	73.67	3000	764.71-	13.41	1.650	-12.437	32.14	5.500	-14.416	35.63
	0	30.40	000.	-11.946	34.00	7.800	969.77	35.75	0000	-11.876	36.15
	, ,	31.40	.650	-11.463	32.66	1.550	-11.410	30.30	6.500	-11.344	30.00
	0	36.47	00/	-F1.034	14.05	<-100	377°07-	30.85	0000	*16.01-	37.17
	72,	33.40	Je7.	159.01-	16.53	4.650	-10.610	31.40	7.500	*65.01-	37.09
	37,	34.67	000.	-10.308	37.15	V.400	-10.270	37.45	000.0	-10.455	38.25
10.104		11.00	3. 3.	700.01-	37.77	Je5.5	17.465	34.50	8.500	14.4-	38.75
	95.	32.46	00%	-> /<-	36.85	7.00	750.7	34.06	000	B/9.6-	20.00

Table 142. Azimuthal Magnetic Field (Well-Conducting Soil), Frequency = 10.0 MHz, VED Height = 44.95 m

PHASE	(DFG)	-53.06	42.11	50.31	52.01	24.10	54.91	55.48	26.55	56.28	56.58	56.85	57.08	57,30	57.51	2.	0.7	90.00	104.2	20.00	58.72	56.80	59.03	55.15	54.34	64.45	10. 41.			50.00	61.02	61.81	62.62	63.46	64.34	65.20	22.99	67.22	68.27	69.37		7
AMP	(90)	999.75-	804.14-	-35.243	-31.671	-69.164	-67.637	c/9.c2-	-24.363	-43.235	-24.247	-41.304	-40.07-	-14.863	-14.208		010	17,007	175	-16,168	-15.767	-15.348	-15.029	-14.688	-14.304	-14.056	-13.761	004.61-	113.61	-12.706	-11.607	-10.693	-9.921	-4.262	-8.6%	-8.206	-7.781	-7.413	E40.7-	-6.817	9000	7 . 7 . 0
HE IOM	E W	0.000	001.	002.	300	004.	004.	••00	. 700	909.	00%	1.000	1.100	1.600	1.300	001	000	000	000	007	2.000	<.100	2.200	2.300	7.400	7.500	2.600	00/*2	000	3.000	3.500	000.	4.500	2.000	5.500	000.0	6.500	000.7	1.500	000°	000	222.
PHASE	(UEG)	-54.73	¥.58	34.43	47.74	42.76	46.35	20.10	51.37	54.34	53.11	53.75	54.30	24.17	×1.	90.00	14.00	22.00	76.07	57.04	51.24	57.52	51.15	16.47	56.16	58.39	58.54	20.00	00.0	5 % 9 30	60.28	61.19	60.29	63.00	63.94	24.90	96.49	*5.00	64.02	64.15	7.00	000
Ā	(90)	104.24-	166.04-	-35.450	187.10-	-Ch.42h	-67.503	-65.413	-64.579	-63.631	124.22-	-61.534	-60.733	-00.00-	2 4 6 5 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	10.10	101.01	7000	A 0 0 1 1	.10.207	-15.864	184.61-	-15.119	-14.770	A \$ \$ \$ \$ 1 -	-14.136	1 39.61	000	100.41	-12.778	-11.67	-10.75	14.476	-4.314	19.744	-8.252	-7.826	-7.456	-7.135	10.85	10.0	
nt Ion	(FY)	00000	360.	303.	٥ ٢ ٥	.100	150	064.	012.	7*7*	0/2.	2000.	25.	205.	3,40	07.	20.1	9 7	 	075.	0000	36.90	90.	0.40	.760	oc/.	00.	2 :		2 2	1.050	1.600	1.350	1.500	1.650	1.600	J. V.	Z.160	2.250	7.400	2000	2
FHASE	(UE 0)	-51.1	-64.38	-0.11	10.00	77.17	24.55	33.67	37.4	\$0.04	46.53	44.34	10.0 10.0	01./4		77.	7	9 1		04.54	53.01	53.40	53.72	54.34	54.13	55.10	ر. د	n i	11.00	56.74	58.10	54.34	60.51	61.04	62.74	63.65	04.	66.12	67.30	70.00	71.67	77.
¥	(90)	468.26-	104.66-	-36.551	* T. T. O. O. I	-67.154	-c7.53U	140.07-	-64.836	-43.719	-66.768	-61.835	-61.035	-20.303	200.71	270.67	7 7 7 7	7 7 7 1	16.450	-16.513	-10.101	-15.713	-15.344	-14.495	-14.663	-14.347	0,00	00.00	707.7	-12.967	-11.645	716.01-	-10.126	17.436	428.8-	-8.385	10.450	-7.576	1.251	404.0-	20.120	•
ne lon	(KM)	0000	o I o •	2>2.	2000	242	200.	200.	2	200.	3 ·	00.) ·	071.	06.1	•	0 4	Š ~	001	1,40	002.	012.	052.	06 5.	047.	UC2.	007	0.17	000	005.	046.	201	.450	004.	955.	909.	050	00.	157·	300	0.7	•
T TA SE	(UE 6)	10.01-	41.38	14.40-	63.12-	47.07-	-13.47	11:/-	-1.67	4.00	9.70	16.33	10.7	70.07	20.07	00.00	000		30.77	34.00	10.05	30.∠€	24.42	10.04	70.14	70.24	70.04	2		40.00	10.61	56.30	54.34	20.47	20.64	78.40	97.19	20.50	94.54	00.00	n -	•
Ą	(02)	-24.433	-26.137	-66.730	-26.334	-26.363	-26./44	-24.450	-24.093	-21.0/0	-21.616	-20.133		79, 61-	17.00	610.01-	200.01	1000	-1/0116	-10.765	-10.35	-10.000	-15.054	-15,333	-10.01-	-14./10	67***	301011	2000	-13.381	-16.613	-140.11-	144.01-	-7.0/3	402.4-	-0.703	745.00	106./-	-1.669	240.7		•
nt I unt	(XX)	0000	.003	900	600.	•012	• 015	.018	120.	*20°	720.	010	٠ د د د د د د	900	בי פי פי	2 1	1 4	5 4	100	.057	990.	.063	.055	690.	270.	2.75	0 0	100	7 100	060	.105	.120	• 135	.150	.165	• 180	195	017.	• 225	3 10		

Table 143. Azimuthal Magnetic Field (Well-Conducting Soil), Frequency = 100.0 MHz, VED Height = 0.00 m

16 IGHT 0.00 00 00 00 00 00 00 00 00 00 00 00 0								
	Ā	THEST	rt lon	Ą	PHASE	HE IGHT		PHASE
	(B)	(UE 6)	(K.M.)	(90)	(056)	(MA)	(60)	(UEG)
	17.4.4.	47.44-	00000	-04.436	50.75-	00000		10.46-
	440.64-	150.57	010.	140.01-	-14.77	060.		-6.57
	-40.375	-44.30	070.	452.341	- G - 5G	090.		-4.47
	-3/.155	-15.83	060.	-37.336	9.0°	0.00		-3.76
	-74. /d5	-12.43	. 040	0/B. #7-	24.6	.120		-3.4C
	-32.945	-10.30	000.	-32.978	DZ . 7.	0<1.		-3.18
	204.10-	14.01	*000	-31,433	-4.35	.180		-3,03
	-30.111	15.61	0/0*		10.4-	.210		-2.42
	-44.44	-1.66	900	110.62-	-3.8]	047.		-2.83
	10.02	-6.03	040.	150.021	-3.62	0.270		-2.77
	-<1.143	-0.10	001.	-47.150	-3.47	200		-2.71
	-c6. 355	17.5-	711.	-46.360	- 3, 35	05.5		-4.66
	450.62	10.4	.100	749.67-	25.5-	190		25.67
	704.42-	-5.17	061.	*##. * * * * * * * * * * * * * * * * * *	41.5	095		7
	-64.377	66.4-	7	-C4.37B	20.00	004		,
	479.62	-4.7	257.	/ (B.62-	1 1 1	1		1
	63.65-	14.04	001.	-63.243	50.7	0.00		1 1
	+08.72.	-4.38	0/1.	-C. 404	77.	2.5		74 /-
	-66.345	.4.63	101.	-6.345	10.10			1
	614417	77.9-	0.41	715-17-				
	505.12	7.7°	207	105 17	17.76	9		1 1
	-<1.118	-3.88	017.	-41.117	-6.72	050		2.0
	Je 1. 150	- 3.78	122.	747.03-	-4.68	099		-2.37
	-<0.40]	10.01	065.	105.02-	-4.65	060		-2,35
	40.05	-3.61	047.	740.02-	-4.62	.720		-2,33
	19.750	-3.53	002.	-17.747	-4.59	750		-2.32
	-19.445	-3.40	102.	******	-4.56	780		-2.30
	-19.154	-3,39	0/2.	-19.152	-4.53	018.		-2.29
	10.674	-3,33	062.	-18.873	-2.51	040.		15.5
	<09.81-	-3.67	067.	+10.604	-2.48	018.		-2.20
	18.340	-3.66	000.	-18.345	-4.46	JO.	-18.344	-2.25
	.17.184	85.2-	350	-17.183	-7.36	050-1	17,143	2
	461.01.	-2.80	204.	951.91-	¥ 2.24	000	30.7	
	15,348	-2.66	054.	1 5. 34 7	17.21	3	7.7.	100
	709.41.	-2.53	300	109-41-	17.	200	100	200
	13.941	54.7-	044	347		944	7000	7 7
	13.350	4.7		746		000	0 37) i
	7 TH-77.	-2.2	3.4	418	00	000	7 7 7 7	0.6
	12,333	-2-14	100	212	40	000	010.71	
	249.11.	~ ~ ~	37.	104.	00	001.0	200 - 1	0 0
	11.467	-2.00	000	7 13	20.1	004	7777	
	-11-115	10.5-	3	3(1,11-		200		100
- 0/2.	-10.770	96.7-	00%	-10.770	72.	200	20.770	75
	10.451	77.1	35	154.01-	17.74	2.850	1 2 0 . 4 5 1	
	10.154	-1.H7	1.010	10.154				1

Table 144. Azimuthal Magnetic Field (Well-Conducting Soil), Frequency = 100.0 MHz, VED Height = 2.25 m

		•																				212 44.67																		.4.316 46.40			
																						512.81 - U.S.																		2.250 -9.			
PMA St	(520)	-47.75	34.17	30.36	40.46	41.52	44.16	45.24	14.24	43.14	4.3.33	67.54	43.61	43.72	43.82	04.64	エグ・ウォ	CO.		· · · · ·	77.	70.11	44.37	14.41	44.45	67.55	44.53	15.44	19.45	10.1	3	1 1 1	00.4	90.04	40.43	10.0	45.72	40.4	11.07	46.32	40.54	40.17	
A	(P))	-57.008	-43.730	->1.87c	174.404	444.10-	-30.051	105.97	-67.200	180.097	-45.103	122.42-	-63.437	-64.726	190.23-	794-17-	200.02	186.031	760.61	7000	100	18.216	159./1-	505-71-	-11.175	-16.860	-16.558	-10.270	10.000	* 74.64		7 t E . 4 t -	1 4 37	440.71	7	202-11-	-10.64B	-10.155	411.4	-4.31B	-8.963	- A. 64.3	707
HE IGHT	ξ¥,	00000	010.	· 0 < 0	050.	242.	0 2 0	000.	2,3.	• (80	080.	201.	.110	.120	05.4.	O * [•	9¢1•	001.	7.	001		007.	227.	065.	047.	042.	102.	0/3.	. 200	007		į		3		0,4	000	069.	.700	U<1.	200.	069.	3
PHASE	(OFO)	74.24-	7.30	74.57	31.04	34.43	14.01	٦٠. ١٠.	36.51	44.00	40.40	40.13	41.13	41.40	*/·/*	5. I +	22.54	¥6.54	00.24	1	0 2	\$0.50 \$1.50	43.60	43,30	43.40	43.40	43.57	43.65	43.72	,		7 1 1 1 1	1	1 4	3		45,30	45.54	*5.84	40.05	45.64	40.04	31
AME	(OP)	146.527	4.176	121.457	-34.637	-31.807	-36.008	101.07-	-41.146	-<6.08¢	-65.103	-24.630	-63.444	-66.727	-74.07-	-61.471	176.02-	065.00-	******	**************************************	10.4	-18.220	799-11-	-17.515	-1/.185	16.870	-16.369	-16.600	100.011	121.01		747	1 4 4 4	4,4,7,1	0 4 4 7 7 4	-11.212	-10.657	-10.164	-4.723	-4.327	-8.971	-6.651	7 77
TE John	(A.A.)	0.000	500.	0000	×20.	>10.	\$10°	n .	170.	. 064	120.	060.	£50.	950.	400	750.	n :	0 -	100	100		9 9 9	992	. 000	. U 1c	د10.	.070	100.	201	2 2 2		501.	1	4	251.	501.	.100	4.145	015.	<77.	242.	447.	17.
PHA SE	(575)	-40.47	-41.03	-7.63	¥0.0	10.05	54.17	71.67	7.00	14.47	31.04	36.35	34.11	35.05	30.05	30.54	* 7 * 7 * 7	200	1 1 1	0 1	9 1	77.77	53.07	40.13	40.38	40.00	10.01	7	5] •] •]	75.14		13.0	17.73	* 7 9 9	1000	73.55	44.35	10.22	カト・オオ	42.64	45.54	40.64	17.44
E J	(op)	-31.034	-30.30	-34.000	-36. /00	-34.751	373.F	10.00	-20.705	-65.000	144.42-	-24.101	-23,340	-24.054	-24.010	-41.445	2,0.07-	100.00	100 1	707.7		-10.00	-11.006	-11.010	-1/-190	-10.01.	-10.010	-10.691	013.011	-15.44		+34.454	17.4	-17.5/6	- 00	-14.634	-10.079	-10.100	-7.745	¥47.81	144.01	-4.0/3	14. 141
IGHT	(XX)	000	100.	200.	E00.	100	300	900.	200		600.	0	17.	7 7 7	٠ ١٠	4.0	C 7 0 •	0 1	- d	0 0		.021	• 022	. 623	•024	• 025	920.	120.	000	000		_				_	_		_	.075	_		

Table 145. Azimuthal Magnetic Field (Well-Conducting Soil), Frequency = 100.0 MHz, VED Height = 4.50 m

	PHASE	(OF 6)	-68.84	24.40	14.10	95.55	64.58	66.41	62.47	63.0%	63.18	63.60	63.33	63.39	63.45	0.50	97.70	10.50	00.00	03.10	0 1	200	\$ P. C Q	44.00	44.50	40.40	0.00	***	67.40	C7.40	7						41.99							
,																							-14.140										-10,384	17.404	-4.688	-8.025	-7.456	-6,465	1-6.54]	-6,175	->.860	-5.590	-5.361	-5.168
1	AE IGHT	Đ.	0000	050.	000	050	.120	.150	.180	.210	047.	0.72	005.	056.	995.	065.	074.	000	201	200	0.4	9	.630	.660	040.	.720	157.	09/	010	0 1			1.050	1 .200	1.350	1.500	1.650	1.800	1.950	2.100	2.250	2.400	6.550	2.700
	PMASE	(UEG)	-24.75	51.17	51.37	5 7 . 4 7	60.53	61.16	61.61	64.93	66.18	64.37	64.54	94.09	64.80	04.70	9 ?• 00	90.00	,	000	55.50	74.4	63.54	63.60	63.67	63.73	09.EQ	63.86	64.43	****	0100	!	44	04.40	65.18	65.69	66.03	66.51	67.03	67.59	61.09	60.84	67.53	70.27
			-	•			-	-			-	-				-	•					-	041.71-				-						668.01-	727.6-	189.8-	-8.034	-7.464	-6.973	16.549	-6.183	-5.866	-5.598	-5.369	15.176
	HE IUMI	ş	2000	213.	o>o•	080.	040.	000.	090.	0/0.	.080	コアコ・	001.	011.	771.	of 1.	04.	05.1	001.	0.1.	001	12	017.	022.	. Z 30	.240	2.00	202.	9/2	.680	04.7		926.	004.	UC4.	.500	ucc.	000.	049.	.700	.750	.800	3650	3
	£ 25	(1.)E (5.)	-K#.#2	46.40	t 7. t3	20.01	53.41	44.00	50.03	٥4° رد	24.66	72.46	د/ ودر	91.09	90.00	96.00	Φ]•U2	97.19	64.10	0 7	10.10	20.00	62,28	64.41	44.50	50.50	11.29	10.20	9ו×9	03.08	2010		63.75	17.40	94.00	65.14	65.63	66.10	17.99	67.30	67.93	06.50	69.35	70.0H
	AMA	(na)	44.500	-38.160	-77.400	-30.186	110.12-	444.47-	-64.430	-c3.150	-64.038	-<1.060	720.190	504.61-	-18.693	140.041	344.71-	100.01	00.01	-15.883	004.01	100.01	-14.223	-13.003	-13.561	-13.190	-16.481	169.21-	-16.308	250.71-	17.5		274-01-	505.4-	-8.720	-8.004	-7.495	-7.003	475.4-	-6.213	-2.847	129.6-	-5.397	407.54
	at Ion	Ĩ.	00000	100.	900.	* 00.	210.	510.	010.	120.	*70*	120.	J. U.S.	.033	\$0.76	¥4.0 •	750.	U + D	o -	100.	100	0 0	190.	000.	. 603	210.	c10.	۵/ ٦·	180.	1 P	0 7	:	201.	021	ct.1.	051.	.165	180	3,145	012.	6 22.	042.	ζζ 2•	. 70
	FIASE	(UE 0)	20.12-	-4.10	70.07	21.44	17.66	10.30	20.44	40.75	10.01	54.00	27.75	33.04	77.57	74.41	14.44	50.13	00.00	11.15	10./0	20.00	7000	27.01	34.30	37.56	15.45	€0. C0.	22.00) i	0 10 0		7.	94.50	63.19	49.59	74.40	65.14	65.40	60.47	07.19	34.10	22.00	40.0
	£	(a)	-33.052	-36.377	-30.046	-50.164	-50.701	-25.431	-24.035	-26.35-	-51.00>	-20.107-	-20-131	-14.375	-100.001	-10.01-	۲ς**' [-	-10.713	****	-13.460	004.01	10000	-14.604	-13.76/	-13.568	-13.605	-16.431	-14.603	-16.302	-16-116	1000		# ns = n	44.500	10.00-	10.140	0/5.1-	-7.ves	0000	-6.675	174.4-	101.5-	974.6-	1 27.4
	ne IohT								_		000	_									2 3			.022	_					•	, c		56.0	9	5,00	050	.055	090	• 0.65	070	٠، 75	080	. 385	000

Table 146. Vertical Electric Field (Poorly Conducting Soil), Frequency = 0.1 MHz, VED Height = 0.00 m

ME IGHT	ì	rnast	7F 10H1	124	1 2 4 5 7	161	AMÁ	427
ž.	_	(UE)	(MX)	(00)	(010)	ξ <u>ξ</u>	GHQ.	(6.70)
000	0 0 0	70.14-	200.0	. 6.413	14.41-	00000	6,77.9	-1000
0.030		141.03	001.	< 9c - >-	-/3.01	0000	7.7.0	-116.37
090	U.Y.D.	74.14-	702.	450.2	-73.15	2000	-7.261	-116.3
060.		-41.23	300.	122.2-	-16.45	3000	1,45,1-	-114.16
150		50.14-	004.	-6.960	-71.80	000.	-1.74B	-111-
.150		10.01-	000.	F05.31	-/1.14	1.500	016.1-	-103.7
.180		10.01		10.188	-10.43	1.000	141.8-	-107-39
· 210		140.41	001.	-3.066	-04.74	2.1.0	-3.368	-105.03
047		17.05-	. 600	141.5-	10.00	004.2	344	-104.63
0.4	-1.0/0	\$0.0 1	2000	-3.613	+00.34	4.700	46.0	-100.21
300		12.45-	1.000	13.683	-07.64	3.000	0.8.0	-47.76
330	-1.165	10.65-	201.1	156.5-	-00-43	3.500	757.01	14.06
.360		134.44	1.200	014.6	-00-73	0000	(41)	1
390		137.66	2000	7/3001	74.40-	77.5	30 - 4	1 1 1
024		- 37 DG	404-1	,	34	000	1 1	3
450		130.04	1,000	486.6	30-	3	3	4.1
067	Ť	10.04	130	1		304.4	7	1
510		1 1 2 2 2 2	002-1	357	74.	300	7.62.7	100
045		3 1	001	7.5	5			, i
27.5		1 1 1	3	1	2	0 1		
3 6		10.00	200	200.5	67.10	00.0	C 75 . Y .	07.0/-
000		10./5	000.2	ים מלמ	+0.00-	0.00	-4°5.4-	-74.32
2		*0*/5-	001.2	7,0,0	. v. d.	005.0	702.4-	-14.2
266.		77.44	Z • Z 0 D	-3.436	21.46-	0000	19.220	-70.54
069	-1.30	-31.64	4.300	1/6.5-	-58.43	004.0	17.165	-66.27
140		40./5-	7.400	100.4-	-57.73	7.600	011.41	-60.47
٥٤٧.		-30.04	4.500	T t 0 * t -	-57.04	7.500	140.41	-64.66
.760		-30.64	00 0 00	5/0.5-	-56.35	7.800	214.0-	-64.83
. 810	104.1-	-30.44	2.700	101.1-	-25.66	3.100	26P.B.	-61.23
140	001.1-	-35.64	•	-4.131	D4.40-	20 t c D	-8.6]	-54.64
.070	244.1-	-30.04	004.7	151.4-	16.46-	007.8	-8.72B	11.56-
305.	C1C.1-	-32.04	•	-4-18]	-53.04	3000	10.040	-50.64
050	-1.370	ċα••ε-	3.500	-4.674	4F.04-	10.5 un	-8-174	1,50,4
00≥•	4/0-1-	-33.00	000.4	-4.365	-47.31	14.000	7.70	10.00
.350	771-1-	-36.96	4.500	-4.34C	74.44-	13.500	-7.24b	44.00-7
.500	100.1-	54.15-	300.0	155.4-	5/ 14-	15.444	10. H.	437.4
.650	450.1-	31.05	005.0	24.5.40	47.6	200.00	4	44 - 44 -
.800	トコト・マー	-30.15	000.0	4.64	-36.46	70.00	7 80	000
. 50	244.1-	12.62-	2000	-4.105	-34. BS	17.000	747.5	3
.100	744-1-	14.82-	7.000	-4.114	-36.46	<1.000	- 5.4BC	-28.14
•≥20	120.2-	15.12-	005.7	-4.036	-31.16-	44.500	065.6-	
004.	150.3-	-26.76	0000	4.4.50	-64°24	000000	3 E 3 - 3 -	
.550	100.2-	84.C7-	9.500	-3.873	-48.06	004.65	-4.77	77.67-
00.4₹	-6.107	77.67-	200.	3.790	-<6.71	2000-62	4.576	-24.8
ر الا								
200	-6.16/	D1.17-	900.4	20/00-	14.67-	20.500	466.4-	58.7

Table 147. Vertical Electric Field (Poorly Conducting Soil), Frequency = 0.1 MHz, VED Height = 2247.60 m

	TAXX.	(JE6)	-103.85	•		ch. 14- ci	13 -42.46	19 -43.2V		6 -84.53			14 -81.27																	•	C7 - 1				•								•	£:+:
	4	(na)	-6.452	76.730	しかからし	17.65	C D 7 * K = C	14. 160	14.9.4	-10.116	-10.290	154.011	*40.71	-10.120	-10.82V	-10.460	355.011	750-11-	470.11-	-11.121	-11.134	-11.13	-11.121	240.11	-11.065	650.11	7.371	16.01-	10.07	787.011	7.4	140.34	C41 - 04 F	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\		106.00	0.636	۲۵.۵۶	577.47	, n . / I	7.01	1,057	C* - /	1.55
	FC [04]	(1.1.1)	00000	000.	220.	20,00	1.500	006.1	00001	001.5	, to	20100	3000	3.300	3.000	3.300	002.4	4.500	1.800	2.100	30.400	2.700	0000	00000	5.600	4.700	2020/	3000	3000	7	0 1		307	1.414.71	200.00	101.61	10.500	200-1-	25.2045	607.47	35500	223.		
	77.7	()(0)	17.00-	-24.14	121.41	-55.50	21.00	175.44	-54.15	60.44-	٥٤ ٠٤ ٢-	-52.06	04.1C-	c2:1c-	-50.04	70.77-	21.64-	11001	01.1.	FF.03-	+2.04-	140.58	144.01	11.27-	24.54-	116.10	10.71	25.14-	, O . O .	00.01	20.00	-31.48	-34./1		0	20.00	• t -	-64.43	-12-12	10.11.	-1	14.71-	7 7 7 _	, • •
	ì i	(97)	17. 144	150.4-	121.4-	-4.615	105.4-	-4.305	4.400	14.340	14.063	14.640	1//:	740.41	276.41	0/5.31	15.044	-2.10	201.5-	43.660	<12.6-	425.44-	12.300	J. 4.4.	12.471	676.6-	994.4	904.5	C +0 . C .	77.036	1-1-5	-5.740	10,6,47	75.0.4.4	F 7 7 60 1	-5.176	217.7-	11.00	-10.10	160.3-	-11.	-1.330	166	340.
	1011	٠ ٢	2000	001.	002.	300.	204.	200.	230.	22.	3000	004.	0000	1.100	1.600	000.1	704.1	1.500	1.000	1.700	1.0000	1.450	7.00	001.7	00202	335.0	25.5	2.50	220.	2	3 7 7 N	200	000.5	3000	200.	3000	3000	3 3 3 6	250.4	0000	1000	300 J) • • • •	24.7
	7747	(OF G)	95.12-	-61.33	26/019	24.02-	2/02-	15.02-	-40.37	-60.11	-62.40	-62.10	95.57	در، د۶-	<7.62.13	17.17.	-64.74	10.17-	-64.33	51.47-	76.95.75	-63.16	25.52-	-63.31	-63.11	-66.31	166.10	00.55-	-66.3U	31.001	2 2 - 7 -	-61.49	K 5.07-	-13.5v	75.471-	45.11-	45.01-	54.51-	-110	12.01-	14.071-	-163		20.01
	į	(CE)	20% ***	194.1-	A00.04	150.00	199.2-	160.3-	-4.110	C41.3-	71107-	-6.133	-6.660	757.7-	2/202-	1000-2-	166.2-	105.3-	726.2-	-4.400	161131	KC#*7=	101.7-	016.2-	CCC.2-	-4.0tv	505.3-	210.21	10.01	100 U	100-11	2011	+50.7	676.30	777771	117.6-	+ 36 +6 +	13.440		£ 27.00 +	110.0-		2	(,,,,
1	nr 10H1	(XX)	00000	0.030	.060	060	.120	.150	.186	.210	0.5.	922.	306.	.330	. 360	.390	.420	4.50	. +80	.510	.540	٠,5 70	00¢.	.6.30	999	0.40	027.	267	00.	0 4 1	7	3000	1000	007	1.356	1.500	1.150	.20.5	1.750	201.0	(,,,,	27.	, , , , , , , , , , , , , , , , , , ,	2010

Table 148. Vertical Electric Field (Poorly Conducting Soil), Frequency = 0.1 MHz, VED Height = 4495.20 m

1015 At 1017
17.
2. 60.71-
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Table 149. Vertical Electric Field (Poorly Conducting Soil), Frequency - 1.0 MHz, VED Height - 0.00 m

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-144.62
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121.50
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70177 71077 71007 71111
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Table 150. Vertical Electric Field (Poorly Conducting Soil), Frequency = 1.0 MHz, VED Height = 224,76 m

	1	3	•	;	•			,		
	10 411		1 1	100	H 104	7 2 2	TAKET.	1 CH 2	A .	PHASE
	7 7 1		1	1000		1001	(00.0)	1	(0)	102.0
	-41.64	200	110.61	1,44,4	200	C 1	-77.50	200	747	10.00-
	240.56	200.	-10.000	-10.00	260.	-67.42-	-6.4.0-	007.	20% . 45-	78.47-
	47.54-	000.	114.01-	20.00-	243.	164.42-	-50.76	000.	-31.034	14.51-
	-42.Ut	. 4 2	V11.V1-	-63.13	.100	-67.475	-56-19	004.	1,40.06.	
	-44.33	JC J.	757.41-	-03.11	J. 1.	168.820	14.64-	000	-33.805	6.53
	747.00	900.	-17.368	*** PQ-	001.	964.47	-32.56	000.	-36.193	77.11
	44.00	0/0.	193.41-	-51.74	012.	740.67-	<2.07.	. 100	-30,000	74.41
	21.24-	000.	140.61-	00.00-	047.	105.87-	42.12-	000.	-64.604	17.40
	16.14-	343.	400 * 4T-	€2•2¢-	0/2.	-67.907	-10.15	2000	245.07	74.71
	20.21	201.	159.41-	ハオ·ハオー	2000	167.12-	-11.27	1.000	-21.002	<1.10
	104.00	011.	C19.61-	-40.74	066.	-40.670	50./-	1.100	-66.154	74.77
	01.60-	071.	17.080	30.11-	7000	-46.012	14.5-	1.200	C84.67-	25.53
	-30.30	051.	-14.007	-41.69	085.	-65.484	57.	3000	-45.483	27.77
	-31.00	0.140	150.61-	-30.04	074.	-64.910	4.51	700	-64.037	15.40
	-30.01	161.	040.41-	-36.00	2004	-64.370	37.5	000	040-57-	, n . 47
	11.05-	.160	975.41-	-33.44	3	763.860	1.08	1.500	-63.485	70.07
	-42.30	011.	104.47-	-30.43	014	-63.360	7.0	1./00	-44.307	<7.20
	134.00	001.	-19.360	160.00-	0+4.	-46.037	10.69	1.800	-44.49	67.10
	10.15.	O.T.	-17.608	-46.14	1,510	-46.453	14.22	30.4 T	-22.027	12.07
	¥0.01-	002.	-17.146	-63.46	220.	-44.026	13.61	000°2	-61.597	78.71
	-36.33	0120	+20°61-	-41.66	0500	-41.623	14.87	<.100	-41.192	64.13
	80.17	022.	10.01	-14.54	200.	-61.630	10.02	2.600	-<0.02-	44.51
	70.00	052.	/5/ 01-	65.7	260.	198.02	17.08	2.300	-40.44	69.88
		0.0	10.01	24.41-	121	-c15.03-	10.05	00**Z	-20.03-	30.20
	25.62-	nc>•	10.450	-13.65	UC / .	-50.177	1 d . 5 6	7.500	-14.104	30.05
	00.00	200	*16.61-	*8.11-	70/	179.47	14.74	0000	17.467	10.8°
	70 - 7	0.7.	001.01	11.01.	⊃. 2.	-17.544	20.58	2.700	-14.142	31.14
	10.12-	0 2 .	500.81-	0	010	-17.541	21.31	008.2	-10.055	31.46
	30.031	0.62	*****	10.0	n/ n,	196.81	74.00	004.7	-10.078	21.03
	90.67-	005.	599-/1-	دئ. د٠-	00%	10.685	54.64	3.000	-16.311	٠. در
	:	;								
5 /5 - 5 7 -	16.17-	925.	100.011	1.33	1.050	-11.450	72.40	3.500		33.13
	75.81-	3	571.01-	2	1.200	-16.420	57.59	200.4	•	34.16
	10.11.	20.00	-12.4[4		1.350	-15.534	27.41	4.500		35.10
/ 24 * 0] -	25.17-	2005	-14.760	14.41	1.500	192.41-	30.97	2.000		35.98
	-0.4	J.	-14.100	10.01	1.650	14.096	34.36	5.500		36.81
-10.300	+7 · C -	000.	-13.666	70.07	7.600	-13.505	33.62	9.000		37.61
	-4.18	050.	-13.137	43.63	1.950	186.21-	34.77	6.500		,50
-10.250	•	207.	*60*21-	45.34	001.2	-14.51	32.86	7.000		34.76
	3.37	067.	-16.292	27.68	4.630	-16.093	30.89	1.500		34.41
	٠ د٠	008.	-11.929	40.42	004.7	-11.718	31.87	8.000	-11.557	90.04
	14.0	d D C	-11.599	30.68	4.550	-11.375	36.83	8.500		1.1.1
	10.77	30%	-11.300	36.40	2.700	-11,075	37.76	0000		42.10
	-									
	7	20.5.	-11.030	33.64	4.650	708.71	10.00	9.500	•	42.91

And the state of t

Table 151. Vertical Electric Field (Poorly Conducting Soil), Frequency = 1,0 MHz, VED Height = 449.52 m

(AM) (UB)
() () () () () () () () () ()
(DB) -64.385 -24.437
00000
(UEG) 146.74 144.08
(00) -14.403 -15.160 -15.343
1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
(KY)
(UE 6)
(00)

Table 152. Vertical Electric Field (Poorly Conducting Soil), Frequency = 10.0 MHz, VED Height = 0.00 m

			1741
_	HE IGHT	HE LOHT	1013L 30 MLL
(KM) (UB)	(XX)	(XX)	(UEG) (KM)
_	200.0	20000	000.0
057.99- 010.	0 7 5	0 7 5	010.
	070.		37.2
117.60 0000	141	141	141
_	200	200	000.
	202	202	2000
. vo. se- of o.	270.	_	010. 80.14-
	000.	000.	-37.C+
	353.	353.	DAD. 20.45- 0
	.100	.100	001. 001.
1110 -CB. 369	011.	011.	011.
	.160	.160	160.70
	061.	061.	UF1. 47.67-
	0+1.	0+1.	U+1. 27.52-
	051.	051.	JC1. 86.22-
	001.	001.	001.
	0.1.	0.1.	0.1.
116.47- 181.	181.	181.	991. FI.FI-
	0.4.	0.4.	18.33
	907.	907.	007. 55.11-
	012.	012.	-16.65
. ccv - c3.281	022.		022.
	25.4.	25.4.	19.61-
	0.57	0.57	00.61
	007	007	007
0 * C * T * C * C * C * C * C * C * C * C	20.7		1 222
' '	2 1	2 1	0000
156.15- US).	007	007	002.
			00.71
000.02- 000.	'	'	'
	į	į	į
C00.41- 000.	000		000
	•	•	004.
•	. 575	. 575	. 50.4.
	004.	004.	10c, 8t.8-
.550 -16.20a	054.	054.	J. 660 08-1-
	2000	2000	-7.36
	059.	059.	050
	700	700	700
	140	140	272
	200	200	200
	000	000	009.
002.61- 009.	000		000
	200	200	006.
.950 -12.48b	050	050	056. 06.4- 2
	9000		-

Table 153. Vertical Electric Field (Poorly Conducting Soil), Frequency = 10.0 MHz, VED Height = 22.48 m

Color Colo	•						-					
Uncol Unco	r		THESE	ne Ioni		THASE	At IonI		PMA SE	at IGHT	AMP	PHASE
100 100	ĩ		(UF 6)	(A.R.		(5,10)	(FA)		(UE 6)	E E	(P()	COFE
1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	نان		-34.10	220.0	-	-40.70	0000		-41.23	0000	-61.018	04.44
100	003		-60.31	010.	•	-7.58	050.		24.21	.100	-45.124	36.45.45
100	9	•	71.01-	222.	•	13.19	.000		30.04	.200	-39,161	48.55
1, 2, 2, 2, 3, 4, 4, 4, 4, 5, 5, 5, 6, 4, 4, 4, 5, 5, 6, 6, 6, 6, 6, 6, 6, 6, 6, 6, 6, 6, 6,	00	•	16.01	0.030	-	24.52	373.		4.3.05	005.	-35,666	50.10
1, 1, 2, 2, 3, 4, 4, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	212		D.	740.	•	31.15	071.		42.60	004.	-33,192	20.00
1, 2, 2, 3, 4, 4, 4, 4, 5, 5, 5, 6, 6, 6, 7, 1, 1, 2, 2, 1, 1, 1, 2, 2, 1, 1, 1, 2, 2, 1, 1, 1, 2, 2, 1, 1, 1, 2, 2, 1, 1, 1, 2, 2, 1, 1, 1, 2, 2, 2, 1, 1, 1, 2, 2, 2, 2, 1, 1, 1, 2, 2, 2, 2, 1, 1, 1, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2,	51 0		70.0	000.	•	37.41	150		47.15	.500	-31,280	31.35
12, 12,	P 7		13.63	000.	-	36.95	.100		61.04	0000	-64, 124	51.68
	150		12.00	270.	•	24.04	017.		64.63	.700	-20.412	16.15
25.7479	200		17.65	999.	•	46.11	047.		44.50	000	-47.280	52,09
\$\text{2.5}\$ \$\	150		(4.0)	3,00		43,38	0/7.		37.73	005.	-26.286	>2.54
25.1.1.0	030		44.47	.100	-	44.41	70 5.		50.30	1.000	646 462-	52,36
	033		14.17	110		43.64	055.		50.59	1.100	-24.600	54.46
1,000 1,00	036		14.67	140		42.47	.360		50.84	1.600	-23.673	52,55
-2. 1.70 31.4 1.00 1.0	980		31.05	0.1.	•	46.57	27.5		97.75	005.7	-23,207	52.6
-2.1.7.0 3-7.11	C42		33.10	051.	•	47.05	U 24.		51.25	1.400	-66.576	52.70
-2.1.6.0 -21.4.91 -2.1.6.0 -21.6.91 -2.1.6.0 -21	0.45		34.56	057.	-	47.55	204.		51.41	1.500	-44.022	52.76
1, 10, 10, 10, 10, 10, 10, 10, 10, 10,	949		17.56	.160	•	47.45	084.		54.56	1.600	-21.491	26.86
1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	.51		30.78	071.	•	46.31	014		51.69	1.700	466-02-	56.87
	554		31.74	91.	•	48.63	J.40.		51.81	1.800	-<0.527	52.94
	157		30.00	05.7.	•	48.75	075.		26.15	1.400	-20.087	56.97
	090		45.45	007.	•	47.18	.600		54.02	5.000	-14.671	53.02
-10-000 4 40.00 -10.90 49.00 -10.90 10.00 -10.90 10.00 -10	063		40.11	017.		77.7	.630		54.12	2.100	-14.217	53.06
	990		40.70	022.	•	10.01	.660		54.21	2.200	-18.903	53,10
1, 1, 1, 2, 2, 2, 1, 1, 2, 2, 3, 2, 2, 3, 1, 2, 2, 3, 1, 2, 4, 1, 2, 2, 2, 2, 3, 1, 2, 4, 1, 2, 2, 3, 1, 2, 2, 3, 1, 2, 2, 3, 2, 3, 3, 3, 3, 3, 3, 3, 3, 3, 3, 3, 3, 3,	690		41.37	062.	-	40.01	069.		54.29	2.300	-18.547	53.14
-17,000	072		74.14	147.		50.03	.720		54.37	2.400	-18.207	53.18
-17.255 44.47 .700 -17.615 50.37 .700 -17.286 54.51 2.000 -17.275 -17.275 .700 -17.275 .700 -17.275 .700 -17.275 .700 -17.275 .700 -17.275 .700 -17.003 54.64 6.400 -15.275 .700 -17.275 .700 -17.003 54.64 6.400 -15.275 .700 -15.726 .700 -15.726 .700 -15.726 .700 -15.726 .700 -15.726 .700 -15.726 .700 -15.726 .700 -15.726 .700 -15.275 .700 -10.275 .700 -10	0.75		*** > 7 *	UC 2.	•	50.40	.750		54.44	2.500	-17.883	53.25
	0.78		74.74	,456	•	50.37	.780		54.51	2.600	-17.572	53.26
-16.712	 83		43.30	072.	•	50.05	070.		54.58	2.700	-17.275	53,30
-10,474 444, 5,404 -10,757 50,444 -10,728 54,771 5,404 -10,719 -10,491 -10,494	0.84		43.70	162.	-	50.05	010.		54.64	C.800	-16.989	53,34
-10.44, 4.54, 50.43 50.43 .900 -10.46, 52.77 3.000 -10.451	CR.		44.17	047.	-	50.00	0/8.		52.73	2.400	-16.715	53.37
### ### ### ### ### ### ### ### ### ##	0 80		44.34	996.	-	50.93	000.		52.11	3.000	-10.451	53.41
-15.345												
-13-4-5	105	-15.332	FO . 04	045.	-15.306	51.50	1.050	-15.277	53.04	3.500	-15.265	53,58
-13.40c	120		47.64	224.	-14.300	96.19	1.200	-14.272	53.59	000.4	-14.260	53.76
-1c./3u 49.09 3.00 -12.674 52.72 1.50u -12.647 53.75 5.00u -12.636 -12.636 -12.640 3.375 5.00u -12.636 -13.640 -12.640 53.05 1.65u -11.394 54.20 5.00u -11.344 -11.404 54.20 5.00u -11.344 54.20 5.00u -11.344 -11.404 54.20 5.40u -11.344 54.20 54.40 7.50u -10.363 -10.404 54.49 7.50u -9.940 54.40 7.50u -10.363 -10.404 54.40 54.40 7.50u -10.363 -10.404 54.40 54.40 7.50u -10.363 -10.404 54.40 54	132	-13.400	46.67	450	-13.432	52,36	1.350	+04.61-	53.53	4.500	-13,343	53.94
-12.402 49.79 550 -12.004 53.45 1.659 -11.346 54.20 65.00 -11.346 -11.346 54.20 65.00 -11.346 -11.346 54.20 65.00 -11.346 -11.346 54.20 65.00 -11.346 -11.346 54.20 65.00 -10.346 -10.346 51.67 65.00 -10.346 51.00	150	-14.130	JO: 5 1	075.	-15.674	52.72	1.500	17.647	53.75	2.000	-12.636	54.11
-11.44.2 30.44.2 5.00 -10.476 53.35 1.800 -11.384 54.20 5.000 -11.374 10.485 54.20 5.000 -10.882 10.882 54.43 6.500 -10.882 10.882 54.43 6.500 -10.882 10.882 54.43 6.500 -10.882 10.882 54.43 6.500 -10.882 10.882	165	-14.002	47.79	9550	-12.004	53.05	1.650	-11.97b	53.98	5.500	-11.968	54.30
-10.442 20.494 .650 -10.476 53.67 1.950 -10.851 54.63 6.500 -10.862 -10.404 2.100 -10.862 -10.404 2.100 -10.813 54.66 1.000 -10.833 1-10.404 2.104 -1.934 54.90 7.500 -10.403 -10.403 54.90 7.500 -49.83 1-10.403 54.90 7.500 -49.83 1-10.403 54.64 5.15 8.000 -9.531 54.64 5.15 8.000 -9.531 54.64 5.15 8.000 -9.531 54.64 5.15 8.000 -9.531 54.64 5.16 8.500 -9.182 54.64 5.16 9.000 -10.849 55.14 2.104 -1.946 55.64 9.000 -10.89.857 -10.603 7.603	180	-11.473	24.00	.600	-11.409	53,36	1.600	-11.384	54.20	0000	-11.374	54.45
-10.464 21.59 753.46 2.100 -10.372 54.66 7.000 -10.363 -10.404 1.001 -10.363 -10.001 -10.363 -10.001 -10.363 1.500 -9.963 54.76 2.25 -9.549 54.90 7.500 -9.330 -9.571 54.55 5.400 -9.547 55.15 8.00 -9.573 -9.522 -9.520 -9.190 50.40 8.500 -9.182 -10.522 7.522 -9.190 50.40 8.500 -9.182 -10.522 7.522 -10.523 8.522 -10.523 9.522	195	-10.946	94.00	049.	-10.476	53.67	1.950	158.01-	54.43	6.500	-10.842	54.70
-10.441 1.2494 9.750 -9.464 54.25 2.550 -9.934 54.90 7.500 -9.930 -9.544 54.90 7.500 -9.930 -9.544 5.449 7.500 -9.538 -9.534 54.64 5.550 -9.180 9.500 -9.182 -9.540 9.500 -9.182 -9.540 9.540 9.500 -9.182 -9.540 9.540	510	-10.404	71.50	00%	-10.397	53.96	2.100	-10.372	54.66	7.000	-10.363	54.91
-4.54 5.15 8.000 -4.53 2.400 -4.547 55.15 8.000 -4.538 -4.54 5.15 8.000 -4.538 -4.54 5.140 9.190 9.100 -4.538 -4.54 5.140 9.190 9.100 -4.589 9.541 2.100 -4.540 9.	225	-10.03	66.10	.750	-9.963	54.25	2.250	-4.934	24.90	7.500	-9.930	55.13
-4.627 5.439 .850 -4.234 54.44 2.550 -9.190 53.40 8.500 -9.1824.424 5.414 2.101 -8.846 55.46 9.100 -8.84576.450 33.74 .950 -8.592 55.45 9.505 45.50 -8.567	240	¥50.Y-	54.45	008.	176.4-	24.55	2.400	-9.547	55.15	8.000	-9.538	55,36
57.65 00.6 36.65 56.85 75.85 4.85 56.85 9.80 55.65 9.80 57.65 57.65 57.65 57.65 57.65 57.65 57.65 57.65 57.65	255	787.6-	68.75	044.	-7.214	54.84	2.550	-9.190	55.40	8.500	-9.182	55.54
-0.00 1 11.74 0.50 -8.50 54.50 2.850 -8.570 45.04 0.500 -8.580 -8.580	270	004.0-	25.56	005.	-6.889	55.14	2.700	-8.866	55.66	000.6	-8.857	55.64
	780											

Table 154. Vertical Electric Field (Poorly Conducting Soil), Frequency = 10.0 MHz, VED Height = 44.95 m

	AMP PHASE		PHASE	AE IGHT	AMP	PHASE
	(UB) (UE)		(Utc)	A E	(90)	(DEG)
	-36.243 -43.91		-24.36	000.0	-56,152	-44.54
	-35.134 4.65		41.07	.100	-40.637	90.83
	-32.533 30.02		54.91	2000	-34.295	65.4
	50.05		24.46	005.	2000000	00
	V4.14 V1V. 17.1		95.33	300	-68.367	2
76.77	001. 61.60 000.47	C48.87	70.04	009	-24.801	66.57
	-63.548 57.34		65.82	200	-43.551	68.81
	74.85 24.97		66.39	.600	-22.420	68.54
	-<1.484 60.25		60.84	006.	-41.427	69.15
	61.29		97.50	1.000	-20.542	69.27
	64.15		67.51	1.100	-14.745	64.38
	10.79		67.11	1.200	-120.41-	0.V.
	63.48		66.79	1.300	-18.357	64.70
	20.40		62.99	1.400	-17.745	70
٠. د د	04.40		66.36	1.500	-17.178	69.75
791.	04.40		64.52	1.600	-16.650	69
.170	65.47		64.67	1.700	-16.156	90°8
. B C	65.60		64.80	1.800	-15.693	66.69
051.	14.00		64.93	1.500	-15.256	0.4°
200	66.18		40.6	2.000	-14.844	3
.<10	44.00		67-15	2.100	-14.454	70.10
077.	60.00		67.26	2.200	-14.084	30.
062.	00.00		64.35	2.300	-13,733	20,
047.	01.70		64.45	2.400	355°57-	0
002	05.70		67.54	2.500	8,0.6	0,0
002	01.70		64.63	2.600	-12.773	č .
0.7	00.70		21.60	20.7	084.71-	*
	79.70		67.80	2.800	-12.200	0
	0		04.48	200.7	156.11-	
9000	66.13		64.47	3.000	-11.673	9.0
	3	3	Š	6	9	•
	90.00		2 1	2000	0.00	
	77.60	000		000	766.4-	7.1.
	A	4. (55	71.14	4.500	-B. 7<7	5.5
	70.53	190.8	71.54	2.000	-4.017	71.6
	71.06	-7.427	71.96	5.500	-7.401	72.2
	71.60	699.9.	72.40	6.000	-6.864	72.6
	72.14	4.4.0-	74.86	6.540	-6.393	73.1
	72,70	-6.006	73.35	000°	-5.981	73.5
	73.28	-5.645	73.88	7.500	-5.621	74.01
	73.89	-5.329	74.43	000°A	-5,305	74.0
		-5.054	10.67	6.500	-5.030	75.14
73.56 .900	74.52					
	74.52 75.18	-4.815	75.63	00006	-4.792	75.7
	0 -5.120 74.52 2.550 10 -4.881 75.18 2.700 10 -4.675 75.87 2.850	-4.815	75.63	9.000	-4.792	75.79

Table 155. Vertical Electric Field (Poorly Conducting Soil), Frequency = 100.0 MHz, VED Height = 0.00 m

	PHASE	(DEG)	-70.88	-3.47	54.1-	-1.45	-1.13	-1.04	3.	98	10	01.	73	0.70	67	65	••	-, 62	10	45	5.58	57	56	55	55	• 5	£5	٤٤٠-	52	51	51	50	ا. د	;	1	4.	.40	4.	7 T	75.	4]	04.	٠, 39	-, 39	B	-,37	75.37	7
																								-23.695										,	7.0.61	-18.61B	671.11	-16.446	-16.250	-15.626	-15.061	-14.546	-14.076	-13.043	-13.243	-12.873	-12.529	1 4 4 4
-	HE IGHT	(KA	00000	.030	090	040.	.120	150	.180	610	047	.270	000.	066.	.360	390	024.	.450	.480	014.	.540	070.	• 600	.630	.660	069.	.720	150	.780	9.	049.	0/9.	000		000.	7.00	1.350	1.500	1.650	1.600	1.450	2 - 1 00	2.250	2.400	Z.550	2.700	2.650	
	PHASE	(UE)	-90.82	11.F-	14.51	-3.43	-4.67	-4.21	16.1-	59.1-	-1.53	04.1-	-1.30	-1.21	-1.14	-1.08	-1.03	66	95	[5:-	86	85	83	81	75	77	75	73	72	0.4	50.	. 69	19:-	,	70.	£5.		••53	50	プリ・ ・ ・	47	46	44	43	45	14.	04.1	
	A	(20)	415.50-	C17.61-	435,54	420.04-	-37,614	-35,706	-34,152	-32,843	-31.71	-30.717	-69.831	-69.031	-CB, 304	-47.637	-67.021	1450	-65.918	4[4.52-	156.47-	-24.509	160.47-	-63.62-	-43,319	196.22-	-<<.61×	762.27-	-41.478	-41.670	166.17	-61.116	-50°845		740.67	24.61	621.	976.97	162.01-	12.660	-15.061	-14.546	-14.076	-13.643	-13,243	-12.873	425°21_	100
	ne Junt	(M.Y.)	200.0	010.	0.50.	060.	010.	000	197.	0/0.	000.	270.	001.	011.	. 1 < u	.130	0+T.	051.	.100	.170	.180	.1,50	002.	• < 1 v	.220	06.50	.240	062.	-260	2/2.	760	24.0	999	;	0000	3	00.	220.	טלני.	000.	9650	007.	.750	008.	000.	225.	300	
	PHA SE	(Ut 6)	-40.01	-28.25	-15.14	-10.28	-7.80	-6.31	3.30	50.4-	10.1	-3.64	-3.68	-3.01	-2.78	-2.58	74.2-	-4.21	-2.14	-2.03	24.1-	-1.84	-1.16	-1.69	-1.62	-1.56	14.1-	-1.46	-1:41	-1.37	در ۱۰۰۰	-1.5	-1.65		01:1	٠ ٠	76:-	\$ P .		2:	. 0.	••	6∠		74	در. -	53	
	AMP	(OB)	190.55-	175.94-	-43,300	107.76-	13.550	-35.666	-34.164	-34.824	-31.696	-30.705	-64.821	-69.023	-68.297	169.62-	-67.017	-<6.440	-42.914	-65.416	214.17-	-<4.507	460.45-	-63.693	-43.317	-44.959	-62.617	-<2.290	-41.477	-<1.677	YBC - 12-	-<1.111	140.04	2.33	740.61	16.617	97/0/1	-10.940	10.01	979.61	-15.061	-14.546	-14.075	-13.043	-13.243	-12.873	456.51-	
	HE IGHT	E X	20000	.00.	900.	5000	210.	c10.	917	120.	*>0.	120.	0.00	.033	of 3.	¥50.	240.	· 040	840.	150.	. 054	750.	non.	.003	990.	, co.	7/0.	د 10°	a/0.	180.	* ¢ ¢ *	100.	060.	1	0	021	0	051.	, 101.	201.	₹.	. 210	۲۶۶۰	047.	467.	0.4	C07.	
	F TA SE	(056)	22.04-	47.74-	45 • BE-	-21.00	<<.17-	-17.51	-14.71	-14.00	11.11-	14.46	30.00	10.01	-7.41	-0.04	دد. ۵-	24.c-	dd.c -	>>·<-	74.4	44.00	74.4-	-4.21	70.4-	-3.85	-3.0/	74.6-	36.6-	-3.65	.1.5	20.5-	26.3-	7		11-2-	7	57.1	/6-1-	9 6 4 6 1	-1.34	22.1-	77.7-	-1.07	20.4		35.	
	F	(CQ	¥10.54-	011.44-	/0**1*-	137.06	-36.440	-35.690	-33.000	-36.50	-31.54Y	-30.580	-27.160	-20.745	-20.631	-21.515	-20, 400	-50.404	110.62-	-55.384	*14°+2+	-24.401	-24.000	-23.016	-23.670	156.751	-34.001	-26.610	-51.704	500.15-	-210311	101-12-	150.02-	1	0000	270.01-	-1 (-12	7 7 7 7 7	042.01-	70000	-15.057	-14.04J	-14.0/4	1,0.51-	-13.646	-16.016	-16.568	
	nt IGHT	(X.X.)	0.000	100.	20 n •	003	* 00 *	500.	900.	100.	900	600.	.010	.011	.012	.013	• U 14	.015	•016	.017	.018	.019	020.	.021	•025	.023	.02¢	. 025	•050	170.	820.	\$20°	000	5		240	1 0		0.40	> L	C90.	0.0	.075	080.	• 085	060.	.095	

Table 156. Vertical Electric Field (Poorly Conducting Soil), Frequency = 100.0 MHz, VED Height = 2.25 m

	PHASE	(DEG)	-35.85	51.56	53.08	53.59	53.84	24.00	24.10	54.18	54.24	54.28	54.32	34.30	34. JB	3.30	74.40	1 1	110	54.51	54.53	54.55	24.56	34°58	00.00	10.40	9 4	24.66	54.68	54.70	54.71	54.80	54.89	54,49	55,10	55.22	55,35	55.49	55.64	55.60	55.97	56.15	56.34	36.56
	AMP	(90)	-70.325	-44.8ZB	-38.84¢	-35,352	-32,883	-30.974	-29.420	-28.110	-26.979	-45.446	-25.100	-44.302	5/5.5/5	016.22	-66.695	77	-20.698	-20.231	-19.792	-14.376	-16.982	-1 d. 60 d	267.81	117.51.	-17.278	-10.980	-10.695	-16.421	-10.157	-14.971	-13.966	-13.100	-12,343	-11.675	-11.080	-10.548	-10.070	-4.637	-4.245	-4.889	-4,565	-4.270
i	HE IGHT	(F.	0.000	.030	090.	060.	.120	.150	.180	.210	.240	.270	.300	.330	705.	060	3	1 1	510	0.5	.570	.600	.630	999.	0.00	750	0 4 2	9,810	049	.870	004.	1.050	1.200	1.350	1.500	1.650	1.800	1.950	2.100	2.250	5.400	2.550	2.700	2.H50
	PHASE	(UE6)	-35.61	45.57	50.05	51.59	54.35	54.80	53.11	53,33	53.50	53.63	53.74	53.83	0.00	0.00	70.07		54.16	54.20	54.23	54.27	54.30	54.33	U	07 * 70	. 4 - 4 5	54.46	54.4B	54.51	54.53	54.65	54.76	54.88	55.00	55.13	55.27	55.41	55.57	55.13	55.91	50.03	56.29	66.50
	Ą	(BO)	-00.185	142.44-	-38.85	-35.346	-32,881	120.474	-C**450	-68.111	146.42	-45.980	-62.102	-24.304	7,000	216.27	-61.73	761-12-	-40.701	-60.234	14.794	-14.375	CRA . 87	10.81	CC2.01	105.71-	044-71-	F86.01-	169.01-	-16.423	451.91-	-14.973	-13.964	-13.102	-12,345	-11.677	-11,083	-10.551	-10.01-	340.4	-4.246	-8.891	-8.567	-H- 27
	Hr. 1641	(MY)	0.000	3,13.	200.	050.	2,00	• • •	202.	0.70	202.	040.	20.) ! •	27.	00.		3 6	77.	081.	.190	202.	24.2	022.	000		002	075	002.	062.	.300	.350	004.	044.	2000	045.	.600	.650	.200	.750	009.	300	006.	Š
	FHASE	(UE 6)	-35.64	26.71	48.45	DO: 55	47.15	48.65	44.00	50,30	54.00	ځ د . ۱ د		7.	20.01	1 1	200	27.32	52.48	53.09	53.14	53.68	53,36		0.50		20.50	53.74	53.80	53.85	53.89	54.11	54.30	74.40	24.04	54.81	24.98	55.15	55, 33	55.51	55.70	20.00	56.11	44
	AM	(BO)	-20.338	-43.735	-38.574	462.46-	-36.36-	746.06-	104.67-	-<6.100	-76.974	-62.984	101.67-	100.40	72,000	700	- 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	-410202	-40.705	-<0.240	008.41-	-14.385	166.931	10.01	107.01	754.7.1-	-17.287	766.01-	-16.705	-16.430	-16.166	186.41-	-13.976	-13.110	-12,353	-11.685	-11.090	-10.55B	-10.01-	140°5	-9.255	かかのかり	-8.575 -	27 C
	1r 16n1	£ Υ	2000	٠ ٢ ٢ ٢	900.	۱ ۱ ۱	770.	C17.	070	120.	*70.	, o o .	000	7	0 7	1 4	1 1	2	160.	*CO *	140.	1000	700	000		1.0	.078	190.	*80*	.007	3	<01.	. I 20	ct.1.	.150	. i 65	.180	. I .	.210	577.	0.5	552.	2.	7×7
	VHA SE	(UEC)	-35.17	₹. J.	74.01	10./2	13.00	3/.36	07.04	67.74	43.10	7	74.04	7	7 7	1	, ,	40.74	44.64	47.45	20.00	00.00	* O * O F	00.1	5 4	14-17	54.56	21.70	54.63	34.46	24.07	24.57	26.47	53.31	53.61	53.58	54.14	76.47		70.00	01.44	ئد. در .	¥0.00	12.24
	Æ								-64.105					-24.549										120.01-						-10.446		-14.770	13.44.	-13.168	-14.3/1	-11.704	-11-110	-10.5/8	アトコ・コー	00.4	-7.615	0 1. 0	***	141
	7E 137T	î £	0000	100	300	000	400		900	200	D (0	***	0 -	1	7 7	4[3]	510	910	.017	010	ر د ا د	050	120.	227	100	0.25	0.26	.027	. 028	•050	080.	• 032										0 0 0 0	200	3

Table 157. Vertical Electric Field (Poorly Conducting Soil), Frequency = 100.0 MHz, VED Height = 4.50 m

יר ויחו	7	101	7£ 10H1		7145	TE CH		4.4.0	THO!		7
	000	(0,00)	(F.F.)	(00)	(UE 6)	(F.Y.)		(000)	(W.W.)		3
•	-30.11*	-1 Y. 35	0.00	•	11.61-	0000	•	-13.42	00000	-65.346	-19.30
	3	14.00	£00°		44.50	010.		97.14	060.		67.45
	16.055	35.56			17.55	200.	•	97.00	000.		68.4
	510.67-	70.74))	724.75	60.00	3 . 3 .		9,.49	373.		4.60
	200	0 - 0	17.		50.50	3	001.82	99.50	.160		64.
	10.10	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	0 1		04.00	2 .		0.00	35.		J.
	24.7.5	, ,	0 - 1		60.00	000		10.69	180		9.
	74117		100		7.00	2 1		97.60	017		0.5
	,	1	* \ \ :		20.00	000		13.6	0.42.		0,
	70.00	7	300		24.74			67.75	0.7.		9,
						•		04.00	000		7.0
	1 1 2 2 2	100	7 .			2		03.	055.		0,
	10.00		0 1		200	031-		1.0	1300		2
	, 10.	00.00	600		000	001.		7.	057.		0,0
		A			76.80	7		T	024.		0.
		*0 * 0	0.00		60.00	05.		10.04	04.0		* 0 ·
	000	57.0	0		26.80	001		40.07	. 180		4.07
1 0 0	010.01-	90.00	150.		04.90	27.		70.15	015.	17. 44B	4.07
	10.00	03.00	*60		\$ \$	301.		10.00	540		7.0
	10.164	K1 *00	\s.		67.19	0.7.		70.25	٥/ د.		7.0
	C1	C+ 00	000		67.7	• (00		70.24	009.		70.5
	14.360	40.00	700		75.70	017.		70.34	0£9°		0.0
	13.300	14.00	990.		07.40	07 7.		70.36	.660		70.6
	17.016	11./0	100		69.07	, č 30		70.43	049.		70.0
	13.617	67.30	2/0.		64.05	247.		70.47	.720		70.7
	16.353	01.10	c/0.		64.73	UC 2.		70.51	u 5.7 •		70.7
	16.55	67.65	9/0.		30.70	200		74.55	. 780		70.7
	16.30*	10./0	187.		07.00	017.		70.60	010.		70.8
	16.005	04.10	\$00°		34.45	.480	-16.003	13.04	949.		70.0
	110011	11.00	, UB7		70.07	062.	-	70.68	07 A.	-	70.B
	14.500	C2.00	O.F.O.		70.09	005.	-	70.73	204.	-11.470	70.7
'n	10.410	60.67	4165	-10.349	70.41	055.	CC8 -01-	5	040	¥	-
0	7.44.7	14.40	.1 <0	-4.302	70.14	200	7.935	0 7 . 7	000	7.7	
	-0.063	34.40	ct.1.	-6.560	71,06	064.	-6.536	71.47	045.1	965	
	C14.)-	74.38	.150	-1.851	71.40	300	7.820	71.76	004,	7.4.7	
	-1.501	70.65	491.	-7.237	11.76	055.	-7.214	72.08	0,44	7.507	
	-0.100	71.36	180	-6.702	72.14	2000	-6.673	74.77	008-	-6.673	
	967-0-	11.80	561.	-6.235	72.54	000.	-6.21	72.80	1.450	-6.205	2.5
	-0.007	76.30	017.	-5.820	14.51	.700	508.6-	73.20	2.100	797.5-	73.2
	166.6-	76.56	• 655	-5.468	73.43	.750	15.440	73.64	2.250	-5.439	73.7
	-J.c.17	73.36	042.	-5.157	73.92	200.	-5.134	7**11	2.400	-5.128	74.
	14.740	13.43	452.	-4.880	74.44	. tb.	-4.864	74.62	2.550	75B.4-	74.0
060	17.11	74.36	072.	759.4-	15.00	004.	-4.630	75.16	2.700	-4.624	75.2
	1										
		0.0	, ca	754.41	44.67	054.	164.4-	73.74	2.850	424.4-	75.7

Table 158. Radial Electric Field (Poorly Conducting Soil), Frequency = 0.1 MHz, VED Height = 0.00 m

1,									
(10.1) (1	t lont	ì i	7447	ME LOHI	Į	4	Trop at	A 7	247
	(% K.)		(000)	(FX)	(100)	5 400	1	1	0 4
	00000	5-	74.7-	333.3	ภ	104.01-	200	727.43-	_
150 -2.1.1.1 -1	• 30	٠٤٠	-170.35	201.	767.62-	140.40	005.	+19.47-	
100 100	60	٠ <u>٠</u>	71.0/1-	202.	'n	144.00	0000	24.430	2.00
150 150	060.	2	50.//1-	000.	-65.713	149.15	30%	-36.301	11.3.7
10 1 1 1 1 1 1 1 1 1	.120	~	-111.04	334.	264.67-	143.61	1.200	750.05-	7.701
10 10 10 10 10 10 10 10	.150	Ž-	45./11-	000.	-46.446	75.74	1.500	Y00.10-	10401
13.10	00		-11/1.13	200	-65.451	147.51	1.800	376	0.0
0.50	012.		98.0/1-	00/.	-46.105	144.03	7.100	-01.741	10.
	647.		-1/0.58	2000	-40. 10.	149.15	7004	-36-118	1 2 4 5 1
3.50	.<70		-110.28	337.	-67.668	147.07		204.50	1
13.50 - 0.00.0 - 0.00	005.		-175.30	7.000	444.67-	77 · 7 + 1	4.00	200	1
1.50	330		10.011-	7.100	-41.170	11.051	200	790.00	76 - 401
0.50	.360		+f .c/1-	707.1	100.02-	150.44	220.2	- 2.5.71.3	5
10 10 10 10 10 10 10 10	050.		75.3/1-	1.360	Jes. 554	130.44	7	0.1	4 0 1
7.50	074.		-1/4.04	004.1	K40.87	17.144	2 7 7 7	2011	0 -
17.00	C Y		1/19/1-	1	1		9 1	n :	
13.70	Ox s		77.7	314	200		000	120.00	700
250 - 20 - 20 - 20 - 20 - 20 - 20 - 20 -	7			2	1 . 2 •	00.00	000.	204.00	106.3
2000 - 20, 100 - 20, 100 150, 1	1	1		00/07	040.42	120.10	2.100	100.00	101.57
10,	7 1		00.0	000.1	-64.431	150.00	J. 4 OC	190.05-	100.69
201 - 201 -	0 6		-1/2.61	00%	-30.677	150.50	5.703	176.90-	47.54
2010 - 20	000		-1/5.14	2000	-26.635	151.05	0000	254.15-	70.64
200 - 24.720 - 1/1.14	250		50.1/1-	7.100	-21.006	151.14	005.0	-38.04c	40.7
7.50 -20.00 -17.00 -13.789 131.43 7.500	200		-1/1-14	7.700	131.340	151,44	0000	138.501	200
7.00 - 20.00 - 17.00 - 20.00 -	0		-176.00	4.300	-31.789	151.30	004.0	-39.175	94.7
7.50	07/		40.0/7-	A.400	-36.605		7.500	104.700	000
24.04 104.04 104.04 101.04 101.04 104.04.	. 50		-101-	7.500	-16.639	151.43	7.500	150.150	7. 1
-24.00 -24.00 -24.00 15.15 6.10 -41.51 -24.00 -24.00 15.15 6.10 -24.00 -24.00 15.15 15.15 -26.00 -34.00 15.15 15.15 -26.00 -34.00 15.15 15.15 -26.00 -34.00 15.15 15.15 -26.00 -34.00 15.15 -26.00 -34.00 15.15 -26.00 -34.00 15.15 -26.00 -34.00 15.15 -26.00 -34.00 15.15 -26.00 -34.00 15.15 -26.00 -36.00 15.15 -26.00 -36.00 15.15 -26.00 -36.00 15.15 -26.00 -36.00 15.15 -26.00 -36.00 15.15 -26.00 -36.00 15.15 -26.00 -36.00 15.15 -26.00 -36.00 15.15 -26.00 -36.00 15.15 -26.00 -36.00 15.15 -26.00 -36.00 15.15 -26.00 -36.00 15.15 -26.00 -36.00 15.15 -26.00 -36.00 15.15 -26.00 -27.00 15.15 -26.00 -27.00 15.15 -26.00 -27.00 15.15 -26.00 -27.00 15.15 -26.00 -27.00 15.15 -26.00 -27.00 15.15 -26.00 -27.00 15.15 -26.00 -27.00 15.15 -26.00 -27.00 15.15 -26.00 -27.00 15.15 -26.00 -27.00	08/•	70.02	166.01	7.000	-35.043	44.101	7.54:0	754.04-	37.5
250. 24. 20. 24. 26. 26. 26. 26. 26. 26. 26. 26. 26. 26		-50.10	-1001-	001.5	-13.568	151.53	9.1.0	214.14-	79.7
3.50 -31.20 -4.50 -4.50 15.121 10.50 4.501 4.502 4.5	340	1016	-161.44	778.7	100.45.	151.57	271.0	44.055	10.01
0.50 -31 0.00 105.00 1.00 1	0/0		49.001-	7.960	134.346	44.141		4	63.75
1.50 -31/v -161.vy 3.500 -38.388 151.21 1v.5vu -v.103 - v.0.00 -3203 -1324 4.000 -44.130 145.41 12vu -v., 701 1, 70	22.	-64.50	JA * COT -	3.000	-45.155			ű	58.50
1550 -31.0/0 -101.09									
2.50 -34.55 -124.64 4.000 -34.46 11.64 11.	1.050	-31.0/0	-161.09	3.500	138.188	15.141		-	7
30.33 -34.35 - 144.24	302.1	-34.133	47.461-	000	17. 7.	1		1 2 1	
350 -30.11 -124.16 -30.00 -60.40 14.21 15.00 15.01 15.	1.350	-34.540	77 . 5 . 1	2000	7	100		10.0	
250 -37.426 -10007 -0.0111 -11.77 15.500 -35.456 1.50	005.1	-30,313	-129.16	0000	4	: :		100	
250 -37.29 -48.59 -0.000 -35.45. 14.50 14.00 -35.45. 15.50 15.65. 14.5	1.650	-31.466	-100.07	3.50		٠.	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	01.0	•
35.5.2.1.1.2.1.2.1.2.1.2.1.2.1.2.1.2.1.2.	0000	-31.670	104.5	000	44	٠,	000	0000	1000
1.00 - 34.23	1.550	-35.9/5	7	0.00		70 17	000	2000	7
.250 -36-334 -66-66 1-300 -31-341 -47-30 -47-304 -47-30 -31-304 -47-30 -31-304 -47-30 -31-304 -47-30 -31-304 -47-30 -31-304 -47-30 -31-304 -47-30 -31-304 -47-30 -31-304 -47-30 -31-304 -47-30	100	-34,630	, t	200	3000	70°57	000.5	A / 8 · 0 c ·	00.01
100.23 - 100.23 - 100.25 - 100	7.250		74-74-	2 2 2		000	000		7.01-
			7.	000	120° 123	90.61	74.500	429.82	-10.52
.050 -27.400 -65.40 -65.40 -65.40 -65.500 -66.820 -1 .050 -28.403 -62.77 -7.000 -62.491 -17.94 -67.400 -66.034 -1 .050 -27.400 -62.60 -7.000 -62.100 -17.54 -18.500 -65.31 -1		100.10	1.00	0	-44.115	72.81-	コココ・オン	169.17-	-10.43
	000	600.65	10.25-	3,000	-67.983	-18.33	45.500	-<6.82v	-18.23
1 11°34 - 50.400 - 50.100 - 17.54 (8.500 - 55.31)	30	2000	٠,٠٥٧-	300.	144.92-	17.44	<7.000	-56.034	-17.45
	¢	323	4	3					

Table 159. Radial Electric Field (Poorly Conducting Soil), Frequency = 0.1 MHz, VED Height = 2247.60 m

The color	E 16HT								
(UE)	(KM)	F X	FNASE	HE I GHT	AMP	PHASE	HE ICHI	A	PHASE
0.00	0.000	_	(6) 201	ž.	3	10,401	N. K.	(98)	(0,00)
100 100		76-	7		- 4	1 1 1 1		200	90
100 25 24 24 25 26 27 27 27 27 27 27 27		•	•						-
100 -24 -47	2	ĭ	•	•	01,00	*	•	***	1017
120 -24-10 -14-20 -27-10 171-22 -20 120 -24-10 -14-20 -20 -27-40 171-22 -20 120 -25-10 -14-20 -20 -27-40 171-22 -27-10 120 -25-10 -14-20 -20 -27-40 171-22 -27-10 120 -25-10 -14-20 -20 -27-40 171-22 -27-10 120 -25-10 -14-20 -20 -27-20 171-20 -27-20 120 -25-10 -14-20 -27-20 -27-20 171-20 -27-10 120 -25-10 -14-20 -27-20 -27-20 -27-20 120 -25-20 -27-20 -27-20 -27-20 -27-20 120 -27-20 -27-20 -27-20 -27-20 -27-20 120 -27-20 -27-20 -27-20 -27-20 -27-20 120 -27-20 -27-20 -27-20 -27-20 -27-20 120 -27-20 -27-20 -27-20 -27-20 -27-20 120 -27-20 -27-20 -27-20 -27-20 -27-20 120 -27-20 -27-20 -27-20 -27-	900		-147.66	007.	754.07-	P6.07	000.	17.686	122.15
	060.		+1.00.41.	200.	-47.171	171.22	005.	-32.031	122.48
150 -25 -144 -24	.120		-144.64	224.	-47.405	171.47	1.200	-32,383	124.78
180 -25, -261 -141, 52 -200 -27, 485 171, 98 17, 480	.150		-144.08	2000	-47.643	171.72	1.500	-32.740	123.04
	.180		-141.52	009.	-47.885	171.98	1.800	-33,103	123.27
230 -25-50 -139-15 1.00 -28-384 172-50 1.00 2.50 2.50 1.00 2.50	210		-140.95	700	-46.132	172.25	2.100	-33.473	123.46
230 (25, 24) (134, 17) (100 (28, 24) (172, 24) (173, 24)	260		- 140. 45	000	1 X X X	172.52	004.6	-33.85P	123.60
330	270		-137.75	005	-28.641	172.80	2.700	-34.236	124.70
130 - 25.776 131.47 1.00 -24.47 173.69 3.00 130 - 26.764 137.80 1.200 -30.017 174.32 130 - 26.764 137.80 1.200 -30.017 174.32 130 - 26.764 13.504 1.200 -30.017 174.32 130 - 27.364 13.504 1.200 -30.017 174.32 130 - 27.364 13.504 1.200 -30.017 174.32 130 - 27.364 13.504 1.200 -31.364 175.74 130 - 27.364 13.504 1.200 -31.364 175.74 130 - 27.364 13.507 1.200 -31.364 175.74 130 - 27.364 1.200 -31.367 175.74 130 - 27.364 1.200 -31.367 175.74 130 - 27.364 1.200 -31.37 176.74 130 - 27.364 1.200 -31.37 176.74 130 - 27.364 1.200 -31.300 130 - 27.364 1.200 -31.300 130 - 27.364 1.200 -31.300 130 - 27.364 1.200 -31.300 130 - 27.364 1.200 -31.300 130 - 27.364 1.200 -31.300 130 - 27.364 1.200 -31.300 130 - 27.364 1.200 -31.300 130 - 27.364 1.200 -31.300 130 - 27.364 1.200 -31.300 130 - 27.364 1.200 -31.300 130 - 27.364 1.200 -31.300 130 - 27.364 1.200 -31.300 130 - 27.364 1.200 -31.300 130 - 27.364 1.200 -31.300 130 - 27.364 1.200 -31.300 130 - 27.364 1.200 -31.300 130 - 27.364 1.200 -31.300 130 - 27.364 1.200 130 - 27.364 1.200 -31.300 130 - 27.364 1.200 130 - 27.364	200		7 00 1	900	100	20 4 7 4	001	14 434	124.74
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200 - 20.00 137.16 13.00 -30.017 174.20 13.0	2 4		2	2 .	7/10/5	20000			7.00
450 -25-50 -131-12 1500 -30-312 174-50 45-20 450 -25-50 -131-50 1500 -30-312 174-50 45-20 450 -25-50 -134-15 1500 -30-32 174-50 45-20 510 -25-50 -134-15 1500 -30-32 175-14 510 -25-50 -134-15 1500 -31-32 175-14 510 -25-50 -134-15 1500 -31-32 175-14 510 -27-50 -134-15 1500 -31-32 175-14 510 -27-50 -134-15 1500 -31-32 175-14 510 -27-50 -134-15 1500 -31-32 175-14 510 -27-50 -134-15 1500 -31-32 175-14 510 -27-50 -134-15 1500 -31-32 175-14 510 -27-50 -134-15 1500 -31-32 175-14 510 -27-50 -134-15 1500 -31-32 175-14 510 -27-50 -134-15 1500 -31-32 175-14 510 -27-50 -134-15 1500 -31-32 175-14 510 -27-50 -134-15 1500 -31-32 175-14 510 -27-50 -134-15 1500 -31-32 175-14 510 -27-50 -134-15 1500 -31-32 175-14 510 -27-50 -134-15 1500 -34-32 175-14 510 -27-50 -134-15 1500 -34-32 175-14 510 -27-50 -134-15 1500 -34-34 175-14 510 -27-50 -134-15 1500 -34-34 175-14 510 -27-50 -134-15 1500 -34-34 175-14 510 -27-50 -134-15 1500 -34-34 175-14 510 -27-50 -134-15 1500 -34-34 175-14 510 -27-50 -134-15 1500 -34-34 175-14 510 -27-50 -134-15 1500 -34-34 175-14 510 -27-50 -134-15 1500 -34-34 175-14 510 -27-50 -134-15 1500 -34-34 175-14 510 -27-50 -134-15 1500 -34-34 175-14 510 -27-50 -134-15 1500 -34-34 175-14 510 -27-50 -134-15 175-14 1500 510 -27-50 -134-15 175-14 1500 510 -27-50 -134-15 175-14 1500 510 -27-50 -134-15 175-14 1500 510 -27-50 -134-15 175-14 1500 510 -27-50 -134-15 175-14 1500 510 -27-50 -134-15 175-14 1500 510 -27-50 -134-15 175-14 1500 510 -27-50 -134-15 175-14 1500 510 -27-50 -134-15 175-14 1500 510 -27-50 -134-15 175-14 1500 510 -27-50 -134-15 175-14 1500 510 -27-50 -134-15 175-14 1500 510 -27-50 -134-15 175-14 1500 510 -27-50 -134-15 175-14 1500 510 -27-50 -134-15 175-14 1500 510 -27-50 -134-1	000		00.11	002.1	179.67	50.67	200	0.00	70.07
4.20	2		-13/.16	7.00	97) -67	00.5	3.500	17,000	143.6
\$50 -25.599 -135.60 15.00 -30.312 174.66 4.800 25.00 25.00 21.459 13.45 1.800 -31.210 175.74 25.00 27.240 13.45 1.800 -31.510 175.74 25.00 27.240 13.45 1.800 -31.510 175.74 25.00 27.240 13.45 1.800 -31.510 175.74 25.00 27.240 13.45 1.800 -31.510 175.74 25.00 27.240 13.45 1.800 -31.510 175.74 25.00 27.240 12.450 1.800 -31.510 175.74 25.00 27.240 1.26.24 1.800 -31.510 175.40 25.00 27.240 1.26.24 1.800 -31.240 1.76.20 27.240 1.26.24 1.76.20 1.76.20 27.240 1.26.24 1.76.20 1.76.20 27.240 1.76.20 1.76.20 27.240 1.76.20 1.76.20 27.240 1.76.2	.420		17901-	7.400	-30.017	174.32	4.200	-36,326	123.23
5.50	.450		-135.68	1.500	-30.312	174.66	4.500	-36.782	122.89
5510 -26,445 -134-15 1,700 -31,544 175,74 5,700 6,700 -31,574 176,73 5,700 -31,574 176,73 5,700 -31,574 176,73 5,700 -31,574 176,73 5,700 -32,744 176,74 5,700 -32,744 176,74 176	.480		-134.92	1.600	-30.616	175.00	008.4	-37,253	122.44
5.50	.510		-134.15	1.700	-30.927	175.30	201.5	137,740	121.86
100 100	240		-1.4.	001	- 31.24H	175.74	003	-3H. 265	121.16
13.00 13.00 13.00 13.00 17.00 17.00 13.00 17.00 13.00 17.0	1				17.0	7.7	200	146	
630			100.00	200					2000
660 -27.584 - 120.79	200		131.01	000.	77.77	20.07	20.0	7700	113.6
690 -27.554 - 167,855 - 6.200 - 32.6633 177.41 6.600 - 6.900 - 27.752 - 27.754 - 167,855 - 27.750 - 33.603 177.41 6.600 - 27.750 - 28.750 - 28.750 - 28.750 - 33.603 177.43 7.200 - 33.603 177.43 7.200 - 33.603 177.43 7.200 - 36.750 - 28.750 - 28.750 - 37.250 - 37.603 - 37.603 177.43 7.200 - 36.750 - 37.750 -	.630		-130.13	001.>	-35.670	1/6.96	6.300	278.87	117.90
720 -27.28 17.88 6.500 -3.3009 17.88 6.500 6.27.28 17.81 6.500 -3.3009 17.88 6.500 -3.3009 17.88 6.500 -3.3009 17.88 7.200	.660		-147.88	2.200	-32.633	177.41	000.9	140.460	116.37
720 -27.080 127.98 2.400 -34.399 178.36 7.500 7.50	9690		-125.95	4.300	-33.00%	177.80	6.400	-41.065	114.52
750 -28.0ca -125.99	.720		-127.98	004.7	996.55-	178.38	7.200	141.690	114.31
180 -26.176 -12.596	.750		-126.99	•	-33.803	178.90	7.500	-42,334	109.62
1810 -28.263 -124.99	. 780		v	4.600	-34.254	17.67	7.800	96	106.54
3670 -28-613 -124-81	.810		J	007.5		-174.43	٦.	143.640	104.82
0.00 -28.70 -121.53 3.000 -36.100 -177.82 84.700 9.000 -36.100 -177.82 9.700 9.000 -36.100 -177.82 9.000 9.000 -36.100 -177.82 9.000 9.000 -36.100 -177.82 9.000 9.000 -30.100	049.			000°>		-179.28	3	-44.282	Ď
.900 -26.757 -121.53	~	-28.613	u	004.2	•	-178.58	~	068.77-	
250 -24.44 104.04 4.000 4.4.04 172,59 10,500 2.50 -30.02 104.05 4.000 4.3.20 122,02 2.50 -30.02 104.05 4.000 4.3.20 122,02 2.50 -30.02 104.02 104.02 122,02 2.50 -30.02 104.02 104.02 104.04 2.50 -30.02 104.04 104.04 104.04 2.50 -30.02 104.02 104.04 2.50 -24.02 104.02 104.04 2.50 -24.02 104.02 2.	0	-26.151	121.	٦,	_	-177.82	•	3	87.43
250 -29.4.2. 10.4.0. 4.00.0 172.4.5 10.50.0 10									
250 - 29.25 29.25 29.20	,							;	
200 -30.207 -108.44	3	0 ** * * * * *	113.63	00000	₹.	66.2/1-	0000	100	0.00
1350 -30-2-6 -10-2-5 -4-2-00 -4-2-09 -12-4-5 13-500 -30-2-5-6 -30-	20	-30.05/	100.04	0000	-43.204	70.791-	14.000	1.3.27	53.06
.650 -30.67> -91.64> 5.000 -48.613 -57.41 15.000 .650 -31.600 -66.550 -30.600 -48.613 -57.41 15.500 .650 -31.600 -66.550 -56.500 -59.424 -67.620 16.500 .950 -30.713 -65.600 -59.424 -67.620 18.000 .950 -30.713 -65.600 -36.401 -15.43 19.500 .650 -29.684 -16.75 6.500 -33.376 -10.04 6.550 .650 -29.684 -56.74 8.000 -33.376 -10.04 6.550 .650 -27.614 -6.500 -33.376 -10.04 6.550 .650 -27.614 -6.500 -33.376 -10.04 6.550 .650 -27.614 -5.776 8.500 -33.376 -10.04 6.550 .650 -27.614 -5.776 8.500 -3.116 -6.800 6.550 .770 -28.524 -4.576 8.500 -3.116 -6.800 6.550	Š	-Je.548	-100.05	4.500		-129.65	13.500	140.01	20.05
10	ŝ	-30.875	-91°45	2000		14.74-	15.000	-38.293	90 ·•
4500 -30.744 -73.425 6.000 -36.434 -20.20 18.000 -30.713 -62.424 6.5500 -36.451 15.53 14.5500 -30.713 -62.424 7.000 -36.451 15.53 14.5500 -30.724 -75.424 -75.43 -42.74 7.000 -35.374 -6.45 7.000 -35.000 -35.475 -40.77 8.500 -31.034 -6.45 7.5000 -35.000 -36.77 9.5000 -37.034 7.5000 7.5000	•65	-31.010	-64.50	3,700	-43.126	-27.80	16.500	-16.369	3 - 15
.950 -30.713 -65.62 6.500 -36.861 -15.33 19.500 1.00 -30.861 -12.43 19.500 1.00 -30.861 -12.43 19.500 1.00 -30.861 -12.43 19.500 1.00 -30.864 -12.40 1.00 -30.864 -10.04 1.00 1.00 1.00 1.00 1.00 1.00 1.00	9,	30.	-7.3.85	00000	454.45-	-40.40	XD.	134.787	27
100 -30.343 -58.13 /.000 -34.916 -12.26 21.000 4.00 -29.375 -24.52	.95	-30.713	-65.64	9.500	-36.861	-15.33	Э.	-33.455	4.1
.250 -29.684 -51.51 (.500 -33.372 -10.04 22.550 400 -29.473 -45.74 8.000 -32.103 -8.30 24.000 .550 -28.544 -40.70 8.500 -31.034 -6.85 25.500 .700 -28.544 -35.40 -30.118 -5.65 27.000 .850 -27.014 -35.76 9.500 -24.244 28.500	0	-30.343	-56.13	0000	-34.416	-12.26	2000	-32,312	1.00
0.00 -24.27 -45.74 8.000 -2.1.034 -6.49 24.000 0.550 -28.54 -40.47 8.000 -3.1.034 -6.49 24.000 0.750 -28.54 -40.41 8.000 27.000 27.000 0.750 -28.54 -45.400 27.000 27.000	ζ,	ž	14.	1105.7	- 13. 37%	40.01	2001	3 (2)	
.550 -28.44 - 4.64 9.600 -31.03 - 4.44 25.500	1		77 - 41-	000		7	200	147	
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.850 -27.01/ -36.45 +36.45 -30.118 -3.00 27.000	0 6	9 1	0	0 1	****	0.0	~ :	, co , co	7:
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	ů.	10017	-36.0	٠	ž	į	ċ	9	,

Table 160. Radial Electric Field (Poorly Conducting Soil), Frequency = 0.1 MHz, VED Height = 4495.20 m

HE IGHT	Ā	PHASE	HE IGHT	Ą	PHASE	HE LONI	AMP	PHACE
£ £	(ca)	(UEG)	(X X)	<u> </u>	(0£6)	(KA)	(08)	COFE
00000	-24.374	-18.84	00000	- 450.024	-140-14	0000	-31.812	- B4 - B5
030	-24.466	75.74-	100	540.15 -	-157.60	.300	-32.139	140.22
090	-24.437	-90.44	002.		-157.05	000.	-32.469	146.76
060.	-24.401	40.06-	200.	-47.446	94.941-	005.	-32,805	147.29
.120	-24.516	4B.64-	004.	-47.646	-155,89	1.500	-33.145	147.80
.150	-24.534	-76.76	.500	-27.849	-155.48	1.500	39466	148.30
.180	-24.553	+5.14-	.000	-48.055	-154.66	1.800	-13.844	146.77
.210	-24.567	-40°-35	.700	-26.263	-154.01	2.100	104.204	149.22
042.	194.95-	-83.10	000.	-CB.474	-153.34	2.600	-34.571	74.74
.270	-24.54	-87.57	20%	/x0.27	74.75	7.700	24 044	
300	-24.576	-80.78	000	406.87±		100	35, 330	
330	-24.577	-85.59	1.100	-49.123	91.141-	3.300	-15.72	150.72
360	-24.577	24.40	002.1	245	74.051-	2000	124.124	151.01
390	-24.545	-B3.66	1.300	74.5	140.03	200	1.16.644	10.10
420	-24.500	-84.03	004-1	17 . J.	1 X X Y 1	200.4	20 97	77 191
650	175.45-	5 7 7 7 7	905	60 07	20.24		7.4.67	0
00	-24.354	14.57	3	11000	10.64	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		101.00
	7 44 . 46 -			0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		000		10110
	174 76 1	10.07		064.05-	7.0.	001.0	20.348	151.70
	10.00		200	*****	71.641	2.400	748.BC.	151.64
2 6	000.		306.	2/5.05-	-144.17	2.700	-34,355	151.49
000	001.17	10.01	000.7	-31.218	-143.14	0.00	199.46-	151.24
.630	164.45-	14.5.7-	7.100	-31.464	-142.00	6.300	140.450	150.87
.660	124.460	-14.78	2.200	-31.713	17.011-	0.000	1.037	150.35
0690	-24.30/	-71.67	7.300	-31.463	-13%,77	9.400	-41,653	149.67
720	-24.351	-10.57	004.2	-36.216	-138.56	7.600	-42,301	148.79
.750	-24.310	107.40-	7.500	-36.470	-137.29	7.500	-45,984	147.66
.780	-24.671	-00.40	4.600	-34.726	-135.47	7.800	-43.706	140.24
.610	-24,660	45.70-	2.700	-36.983	-134.54	001.8	294.45-	144.45
.840	:	47.00-	000.7	-33.242	-133.15	9.400	-45.273	142.22
.870	-24.136	-62.66-	7.900	193.500	-131.66	8.700	6.120	139.41
006	. c	12.10-	3.000	-33.754	-130.09	000.6	-47.005	135.88
0.50	7 10 15 6-	,	1	, ,	76			:
			9 :	4000		2000	K00 * 1 1	100.43
9 0	0 70 0 7	76.	0	**T*05-	M*****	000.71	164.631	53.68
000	012.62-	, p	3000	-37.128	カナ・ヘテー	13.500	-45.571	33.87
200	-24.096	57./3	2,000	-37.696	74.46-	15.000	464.2	21.24
959	-56.577	14.03-	3000	-31.860	-/1.00	16.500	200,04-	22.20
909	-26.610	50.14-	000.0	151.634	bd-	18.000	100,000	25.14
055	-21.330	34.05-	3750	156.76-	100	34.5	-37. 4.1	744
100	-51.15-	*100.	7.000	1 37 . 62	7	7 - 0 - 1	7	7.0
250	-21.400	17.55-	1.500	120.00	7	200	10.01	
00	-21.74				, ,	200	000	00.00
			0	000.00	* 1	0000	135.643	36.71
000	0	30.00-	0000	34.05-	62.22	J. C. C.	-34.766	35.78
2 0	006.00-	Ca. a2-	200	-76.137	-14.15	CO00-12	946.46-	3%, 31
0000								
		10.13-	2000	1.79.05-	CC.+1-	28.500	-34,126	46.54

Table 161. Radial Electric Field (Poorly Conducting Soil), Frequency = 1,0 MHz, VED Height = 0,00 m

 Phast	(0F6)	-6.35	62.02	\$0.24 0.24	10.10	25.10	60.58	70.45	28.29	5e.73	74.40	52.73	56.43	47.02	45.00	41.50	18.81	15.54	32.19	Z8.84	45.53	62.23		51.01	13,37	2/ 01	9 3	/*.s.	96.7	:	1.51	3		* 0 · 1 · 1	7 4 7 1	2 7 30	57.4	-18.63	-18.92	-19.09	-19,15	-19.14	50.5	↑.B
 Ą	(20)	-54.974	100.54	. 54. Ld.	-53.637	-53.404	153.51	-53.613	-53.710	-53.748	-53.873	-53.431	-53.468	-53.470	154.Ed-	-53.84V	-53.80Z	-53.662	-53.478	042.64-	-56.481	-54.072	-56.361	551.453	544.14-	751-136	969.00-	847.00-	56.041	100.00	-46.415	1		777.74	140.673	100.07	-37.764	-36.518	-35,374	-34,318	-43,339	-34.46	-31.577	-30,779
HE I GHT	(**)	0.000	.100	002.	0000	304	. 200	000	. 700	000.	30×.	1.000	1.100	1.200	1.300	1.400	1.500	1.600	1.700	1.000	00%.	~ 000°	S-100	2.200	2.300	004.7	000.7	200.7	001.7	000	3.000		3 6	3	1	000	000	6.500	7.000	7.500	900°8	9.500	000.7	2.500
PHASE	(uto)	-153.84	269	62.19	65.38	65.50	65.54	62.50	65.38	62.18	07.10	64.53	20.09	63.52	96.95	66014	61.30	60.37	54.33	54.20	20.46	52.63	24.50	24.67	51.04	66.64	41.54	0.0	47.64	7	37.63	27.11	7 7 7	* C - 7	1	7 7 7	22.5	-6.53	-10.58	-14.13	62°F !-	-14.17	-14.83	-15,32
4 Ž	(OB)	195.11.	240.2	561.77	2,5,300	574.71	466.24	-44.656	-46.113	240.041	-4.3.00g	-43.145	7.3.246	-43.35a	774.54	-41.5do	1.0.00	173.804	105.51	500.441	· * O * * * * ·	797.55	14.758	-44.326	786.	124.4	2003.34	0/5.5	7 43 24	601	785.44.	1		747	7 3	47-77-	137.928	-36.726	-35.596	-34.534	-33.55	-36.626	-31.763	120.05-
חבין שני	7	2000	2000	0 0	3 F 3 •	077.	361.	707.	017.	747.	0/2.	300	056.	200.	385.	074.	. 100	. 400	15.	340.	0/5.	200.	. 6 3c	000.) } }	201	٠. د د	0 :	0 1	2	22	3 3		00001			000	1.950	2.100	2.250	204.7	USG.5	7.100	2.850
1 1 4 5 5	(UE 6)	14.00	77.65	(4.62	10.01	7 æ. t	10.04	70.65	19.12	14.00	19.80	13.00	70.07	13.04	10.78	0.0	۱۵۰۵/	18.43	57.01	10.03	5.7	14.71	K1 •	10.01	16,45	20.02	رد. در:	, n. c.	, j		74.50			20.40	7 1	9 3	44.15	43.56	16.63	10.79	5.98	40.5	* 0.1-	4.56
F I	(60)	-31.490	-31.415-	7,40.15.	900.16-	-31.795	-31.366	JC.050	-36.1/8	-36.30/	-36.431	195.26-	-36.690	-36.030	-26.900	250°51-	-33.663	-11.363	271.77-	-13.634	027.55-	105.55-	**0.**	191.45-	V 12 . 45 -	104.45	1,40° 10° 1	134.136	134.070		412.46-			110.00	X : 7 : 7 : 1	77.14	-36.920	104.95-	-35.705	206.45-	-34,048	-33.183	-36,336	VOC. 15.
75 104	٠ ٢	220.0	o - o -	200	20.0) ;	20.00	390°	2	000	343.	001.	011.	27.	21.	7	061.	707.	0/1.	9 .	3× T •	2 2 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	012.	27.5	062.	3	002.	200	2 1	27	000.	į	000		104	2000	000.	059.	. 100	061.	0000.	300	3	2000
7 30 4 5	(500)	107.01	113.70	000	10:11	77.	20.511	70.41	70.411	70.477	200	113.10	113.45	113.76	113.50	17.04	· · · · · ·	113.73	113.0/	113.50	113.56	113.44	113.34	113.64	113.14	113.02	116.09	116.10	70.211	7 . 7 . 1	116.13	1111	7,7		27 . 13 -	~ > · \ O =	77.7	10.0%	54.55	44.44	14.80	62.41	د0.40c	40.73
ŗ	ונסו	-26.060	-76-163	1 77 . 77 -	100000	064.33		0 42 • 27 -	-66.137-	200.22	76.37-	707.52	-53,10,	7-6 30 30 0	777.57	- 7 3, 36 4	100.0.	167.62-	-63.000	-23.300	アアコ・ナンー	-74.615	CCC **/-	24.435	0/0.4/-	160.47	7 6 0 0 0		990.62	136.462-	UC**42-	7 2 2 4 1	1	474.77	-72-72-	727.62	-27.001	-34.11	-31.561	-36.613	-36.90+	-33.340	*10.55-	134.440
THE LOW T	ž L	0,0	707.	c ::	5 - -	21:	1	r ;		, ,	120.) (00.	9.	٠٤٠٠	40.	η. *	1	10.7	400	150.	a 6 6 7	n 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	9 4	 	2.7.		0 ~	4 4 0 T	4	080	50	, ,,	. 1 35								• 255	2.7.	592.

Table 162. Radial Electric Field (Poorly Conducting Soil), Frequency = 1.0 MHz, VED Height = 224,76 m

MNRANGE	•	PHASE	(OF 6)	50.031	20.00	10.67	25.07	7	176. KS	25.0	116.05	116.21	114.15	111.81	109.22	106.41	103.40	100.24	76.44	43.63	¥0.28	86.90	83.72	80°29	17.61	74.78	72.13	69.65	67,36	65.25	00.00	59.65		30.01	20.4	5.00	50.44	11.44	43.86	43.82	43.94		44.17	44.50
100.0 KM DOWNRANGE		d :	(90)	V 20.30-	200000	1,1,1,1	20,000	15.4.	-53.470	997.54	953.65-	-53,737	-53.799	-53.840	-53.855	-53.839	-53.788	-53.097	-53.554	-53,387	-53,166	-55.40	-52.599	-52.261	-51.891	-51.496	-51.080	-50.648	-50.204		044.44	-48,385	175	011	45.	HRQ-04-	-34.215	-37.884	-36.675	-35.570	-34.558		-33.625	-33,625
		101	(MM)	000	•	000	000	004	000	700	008	005	1.000	1.100	1.200	1.300	1.400	1.500	1.600	1.700	1.600	1.900	000.≥	2.100	2.200	2.300	7.400	2.500	2.600	00/*2	200	3.000	,	000	005.4	5.000	5.500	000	6.500	7.000	7.500		8.000	8.000 8.500
CONNEANGE	1	7 .	(S)	190.40	126.95	71.17	127.31	127.38	127.37	127.23	127.11	120.86	126,53	120.11	125.60	123.00	124.31	123.52	124.63	121.65	120.57	119.39	110.11	110.73	115.25	113.68	112.01	110.26	108.43	100.53	10.4	100.49	20	00.08	71.79	65.30	60.43	50.85	54.26	52.40	51.09		20.50	50.20 44.63
3U.0 KM COMNEANGE	į	E	100	7	922-24-	-42,338	-46.45	-42.566	199.7	767.24-	-16.54-	-43.032	-43.150	-+3.268	-43,386	-43.503	43.614	-43.733	149.84t	-43,953	150.44-	-44.156	144.243	-44,334	114.41	A 1 . 3 3 1	-44.535	*****	700.41	14.625	104.1	-44.574	-66.33	-+3.287	-42.160	706.07-	-34.620	-36.386	-37.212	-36.114	-35.093		747.40	-33.264
	1		(E4)	200	797	777	.100	061.	180	012.	042.	012.	000.	055.	300	340	024.	04.	.400	014.	. 040	n/ <•	7700.	050.	700.	0.40	٠/٥٥	04/	20 -	7 1	7,6	200	3,0,1	1.200	1.350	1.500	1.650	1.800	1.950	2.100	2.250	007	704.7	2.550
NHANGE	3	1011	177	25.01	140.44	7.7°0.77	140.73	140.94	141,14	141,31	141.47	141.00	141.71	141.79	141.80	141.90	14.14	141.40	141.80	141.79	141.70	141.57	141.42	141.23	141.02	140,76	140.4B	01.0	00.401	1.18.67	138.45	137.97	134.69	130.17	124.68	117.07	108,83	100.14	91.68	84.05	77.56	4	67.7	60.89
10.0 KM DOWNHANGE	2	i	179-11-	062-16-	-01.404	-36.029	-36.149	-32.270	-36.386	-32.515	-36.639	-32.764	25.840	-33.017	-33.144	-33.273	504.55-	-33,534	-33.667	-33.80U	-33.935	0.00	-34.207	-34.345	194.46-	520.45-	101.101	104.400	12.040	-35.335	135.480	-35.624	-36.344	-37.033	-37.640	-38.0%	-38.321	-38.268	-37,933	-37.366	-36.642		425.834	45.834
-	115	E X	900	010	020.	000.	040.	000.	090.	070.	000.	0.00	001.	.110	.140	061.	0 7	057.	091.	0.1.	.180	06.4	007.	. 410	077	06.5	40	007	200	יייי	067	.360	.350	004.	450	005.	955.	.600	050.	100	.750	•	20.0	2000
RNAPNGE	7	(540)	147.30	1/0.85	-170.08	-178.50	-178.32	-170.14	-11.7.97	-177.75	-177.62	-177.45	-177.68	-17/-11	16.0/1-	-1/0.17	00.011-	11011	17.011	11.0.11	۲۷°۲'	K/ *C/ T	10.01	9.001	-1/5,33	11.0.1.	20.071	174.7	27.47.	-174.44	-174.30	-174.16	173.51	-174.92	-172.42	-176.00	-171.74	-171.61	-171-70	-172.05	176.17	27		-175.98
3.U KM UURNHANGE	ī	(90)	-24.336	-56.404	-26.510	-26.016	-56.101	-56.806		-23.055			. עכנינק-		UCC.62-				106.62-		7/1.47-		995		500.47		70.47		-25-167	-22.62-	- 20**42-	. 124.42-	•			-50-196				-31.700				- 35.317
	HE CHT	XX.	00000	.003	900	600.	۸.	.015		.021				.033				0,0			* f				990.					180.	. 087	_												255

Table 163. Radial Electric Field (Poorly Conducting Soil), Frequency = 1.0 MHz, VED Height 449.52 m

•																																																	
WANANGE		TIASE	(0, 3O)	145.43	124.50	154.54	154.33	153.67	153.10	152.19	150.95	11.71	147.50	145.61	14.3,31	140.76	137.48	135.01	131.83	148.64	165.43	162.00	110.70	115.47	116.35	* · > 0 T	100.00	70.01	14-10	1	,	2 -	, ,	71.71		15.50	9.10	74.50	18.30	10.7	دد.//	17.74	74.14	74.83	14.04	80.54	91.00	66.50	31.30
100.U KM UGBNKANGE		A F	(PG)	148.109	17.95	-46.320	124.64-	-44,535	-40.043	148.741	949.84-	016.811	144.021	180.64-	661.64-	401.44-	44 . 44-	001-64-	27.018	148.841	-48.725	-46.513	467.84-	-41.365	264.14-	612.74-	40,000	0/4.04-	140.031	*****	747.107	01/ -++-	407.44	-43.813		*20 · 1 *-	170.45	-37.816	-30.406	-34.165	737.406	-34.246	-J1.<1d	-30.244	-47.351	-60.331	-<7.12	-<1.076	-<0.428
		101	Î	0.00	.100	002.	000.	004.	000.	009.	.700	.000	004.	1.000	001.1	1.200	1.300	1.400	1.500	1.000	7.700	1.800	004.7	2000	C.100	002.2	3000	2.400	004.5	Z.600	2.700	00000	004.2	3.000		3.500	000.	4.500				005.4			000*6	9.500	7.000	4,500	10.000
COWNRANGE	1	TA SE	3	-64.31	166.57	164.87	163.10	163.26	163,35	163.38	163,33	163.20	163.00	164.72	164.36	161.92	161.39	160.78	100.001	154.28	156.34	157.40	156.32	155.15	153.88	156.51	151.05	147.50	141.86	140.15	14.35	146.44	140.57	130.50	1	04.021	011	24.01T	20.01	76.74	0.0	07.	90.25	60.76	12.16	9.15	44.54	43.64	04
30.0 KM UDWNRANGE		T C	ê .	* 10.75	617.75	574.15	-3/.436	140.85-	-38.151	-38.26	-38,375	138.487	138.604	-38.720	-36.830	-38.453	-34.070	-24.107	-35.30<	914.45-	434.46-	-37.636	137.740	137.BFC	25.4.70	510.01	-+0.0+-	591.0.	0.623	77U.26c	200.00	716.0**	ケーア・コナー	505.041	7	7	7 7 7 1	*/1.00	1 / 6 0 1 1	15, 67	100.00	575.56	100.201	116.16	345.00-	545.62	168,758	-ce.030	-61.354
		101	2	0000	050	2 .))	271.) . j o v	180	017.	042.	2/2.	000.	066.	705.	345.	24.0	9420	.480	015.	0 * 5 *	٠, ٥,	000.	. 6 Ju	,000	26.0	.760	. 750	.700	210.	0,00	2/0.)))	3				9 1	000.7	5 3	006.1	001.5	7.50)	044.7	2011	20.0	200.0
UGWNKANGE	3	30 40 4		\$	47.4	\$6.57	10.511	-1/3.64	-1/2.98	-174.68	-174.40	-172.14	-171.85	-171.66	-171.44	-171.64	-171.06	-110.40	-170.76	-170.63	-170.52	-170.44	-170.37	-170.33	-1/0.30	-170.31	-170.33	-170.38	C+*0/1-	-170.55	-1/0.64	-170.84	-171.02	-1/1.6	-176.80	-17-1	/ N - K / 1 -	170.47	7 7 7	1 1	101	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	11000	1.5.33	20.75	136.33	10001	1,7 44	16,00
10.0 KM DOWNHANGE	9	E	100	*00.00	100.001	100	100.02-	010.07	-68.113	-<6.818	*24.82-	-<9.034	057.471	-44.250	-47.300	-64.472	-49.580	-64.701	168.47-	-67.434	-30.053	-30.174	-30.292	+14.05-	144.01-	100.00-	150.147	120.450	-31.057	-31.189	-31.366	-31.456	245.16-	-31.62	777.79	141.141	-13.835	14.46-	7 2 3 1	125.274	12.	1000		1 44 5 14	0 10 10 1	201	117 - 11	77777	•
	1	1		200	2 3		000	3	00.	090	0/0.	090	050	007	0.1.	150	.130	341.	051.	791	0/1.	.180	05.	002.	217.	922.	·< 30	747	952.	192.	0/2	. <80	2	.300	356	004	7450	005.	3,50	330	066.	700	24.	004	3,4	200	20.7	000	•
JWNR ANGE	3	3	1	11000	7 101-	-120.06	00.01	1 0 0 T 1	2/0277	-117.24	-118.//	-110.28	-11/.60	11/.31	79.011-	710.35	-115.82	-115.32	19.41.	16.41.	-113.79	-113.28	-117.16	-112.24	-111.1	-111-10	-110.65	-11011-	25.401.	40.40T+	05.801.	-101-55	0.00	60.001	-104.05	-101-12	12.04-	15.05-	-96.33	66.48-	-80° 34	-83.37	, t	-77-60	74.84	41.27-	90.40-	-67.34	
3.0 KM DOWNRANGE	Ą	(87)	191.161		101	26. 43.		10.00	47.000	101.07-	*****	500.02-	199.02-	67/007-	9	-70.03	-20.836	CCV - 12-	-21.015	10.17	-21-134	141.17-	+67.12-	-21.315	-610313	-21.430	-21.490	-21.55	-21.618	4,0.12-	04/17-	100.12-	2003	+36 + 7-	-24,631	-24.330	-24.345	-23.15U	-23.454	-23.155	-24.033	-24. 547	-24.043	-24.9.10	-25,449	-25.564	-25.066	-20.164	
	HE TOHT	£ ×	000		900			10.		010	170.	* 00.0	120.	050.	250.	950.	\$50°	4 .	V + -	10 r	160.	***		090	200.	900	690.	270	270.	8.0	180	1000			•105	.120	•135	.150	• 165	.180	.195	.210	• 425	042.	.255	072.	.285	.300	

Table 164. Radial Electric Field (Poorly Conducting Soil), Frequency = 10.0 MHz, VED Height = 0.00 m

NAME											
1, 1, 2, 2, 3, 4, 4, 5, 4, 5, 4, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5,	į	PHASE	HE JOHT	A	FHASE	ne Ion1	Ą	PHASE	14.1611	A J	And
	ĝ	(OEG)	, 1	(pg)	(UEG)	£	(90)	(056)	(M.K.)	(00)	(0)
	2.460	04.421-	000.0	206.cc-	10.67	223.2	154.50-	-110.53	0.000	-15.460	-55.4
	1,00.0	24.54	• 010	044.55-	45.00	000.	-05.545	49.64	001.	-76.005	54.3
100-101	0,50	24.00	9V0.	-26.07/	45.47	200.	105.630	84.35	007.	-10.064	200
	200	99.79	050.	491.94-	50.00	3 P. 3 .	-05.707	45.24	005.	-10.06-	74.7
	2//0	3 O O	040.	J62.05-	4.00	271.	-05.764	80.08	004.	-13.784	00.7
100.00 1	200	81.73	J. U.	-56.334	4.50	061.	-55.788	10.74	004.	-13.430	21.6
100.11	7.57	50.10	200.	->6.408	25.16	.100	702,758	14.75	000.	-14.312	47.5
	150.	90.00	070.	474.95-	a0.50	. 410	469.60-	66.14	00/*	-73.407	30.0
	. 144	16.00	080.	-56.531	10.03	042.	154.60-	\$3.04	000.	-71.001	30.4
	177.	49.69	343.	-26.5/u	10.43	0/2.	441.40-	31.54	001.	-70.437	64.7
	647	37.10	001.	-20.587	74.11	200.	-04.746	54.13	1.000	040.49-	17.7
	115.0	64.13	0110	-56.543	71.43	055.	-04.224	40.76	201.	400.10-	5.5
11	/ 57.	03.63	.120	-56.548	00.00	202.	*10.00	45.14	002.1	-00-238	7
1,	*55.	36.24	06.1.	-16.473	50.60	345.	-04. Y3C	30.77	006.1	100.00-	7.01
	100.0	61.17	0*1.	-56.373	66.50	U 74.	-02.198	36.43	004.1	-63.634	
10.01	0.013	20.00	.150	->6.667	57.63	004.	-01.431	20.55	3000	-04.134	4.0
1,	1,34	10.74	100	126.040	14.55	024.	140.00-	73.11	1.000	-61.677	2.5
1,	36/00	7.040	27.	-25.81¢	95.26	U.C.	100.40-	4C • UE	1./00	-60.6/8	4.4
### ### ### ### ### ### ### ### ### ##	640.0	75.97	180	-55.544	47.65	0*4.	-5%.08c	74.44	1.000	-54.132	1.6
	.003	14.40	077.	-55.237	44.04	0/5.	115.85-	11.1	204.1	-58.935	1
11.16	*7.	10.01	000.	174.400	+6.5+	900	*24.7c-	10.05	2.000	-51.982	1
0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,	٠,٠٠	11.50	012.	-54.536	34.86	, t 3u	120.00-	13.31	001.2	1/1./5-	-
10.00	* 75 4	07.40	122.	-54.130	16,45	.000	-20.116	11.75	C+ < 00	146.94	•
17. 17.	7,	00./0	06.20	-53.724	34.63	0 40	-25.450	10.37	2.300	550.05-	7.
	624.	60.19	0.40	-53.634	31.00	.740	154.154	4.16	0000	964.45-	-;
010,24	***	90.00	962.	-26.626	64.31	JC/-	F11.4c.	r 0 . 0	7.500	1/2.45-	;
######################################	300	74.10	200.	104.70-	01.70	./80	773.488	1.10	6000	020.cc-	
75.00		24.44	0/2.	197.101	¢0•¢>	010.	+24.56+	92.0	2.100	-56.744	1.1.
110,10	0 7 .	24.16	200.	184. C-	< 3.15	2	106.647	04.c	C. B UU	246.34	-1.6
000-10- 000-10	0 1		063.	550.10-	24.17	20.	-51.133	Ţ;;	004.7	116.10-	1
11 100 2	0 20 0	23.40	001	*/c.,1c=	۲٬۰۲۱))	cal.1c.		3.000	0c2.1c-	-
	, ,		į	: :	;		:				
100.4 1.0 1.		, ,	000	000	0.4.0	30.1	1 po o o		3.500	217.64-	7.2
			•	666.04	ć	7.00	10.51	٠ •	2000	+20.04-	٥.٧
1/-16	, n .	50.		57C****	2.60	1.300		44.	.004	110.44-	٧.٧-
1.10	7,7	18.17	200	5/6.34-	71.4	1.000	776.750	-1.22	00000	124.24-	5.51
110-19-1 000-10 160-30-1 160-40-1 19-40-1 19-40-1 100-1 100-4 19-40-4 100-4 19-40-4 100-4	\$.	0	055.	<11.37	200	1.000	246 -1-	14.11	5000	~ + 5 • 7 + -	1.5.
10.10.4 (5.3.2.) (5.3.1.2.) (5.4.	70/:	13.57	009.	140,000	. t	1.800	V10.011	-6.03	000.0	10.04-	13.6
2.50	010.0	10.1	000	-36.750	.63	1.930	-38.757	-6.24	0000	-35.757	£ . 5 .
5.40 - 100 -	120.	3. V.	20.	-37.606	7	4.100	-37.606	-6.46	7.000	-41.544	1.5.
04.5.5. 000.4 0.5.5. \$26.60. 004.5 5.1. 5.4.60. 004. 05.6 11.4 10.6.5. 005.4 11.4 10.6.5. 005.4 11.4 10.6.5. 005.4 11.4 11.4 11.4 11.4 11.4 11.4 11.4 1	* 50 4	21.0	٥٢/٠	-16.535	£6	0020	26c.ac-	04.21	7.500	-30.56	
1.1 - 1.00 - 1.0	790.0	27.6	200.	645,46-	26.1	0000	*15.537	-4.70	3000	450.06-	4.6-
##1.66= 000.4		77:	000	-34.617	دی.۱-	UC4.2	-74.613	-C. /A	3.500	010.46-	1.1.
064.57- 062.47- 062.47- 062.47- 062.47- 1.54.47- 064.47	16/0	01.7	2006.	161.55-	16.1-	1010	133.740	- 11.71	000.4	-33.744	- 5.5
	U 4 4 .	£ • 17	,	.,,,,							

Table 165. Radial Electric Field (Poorly Conducting Soil), Frequency = 10.0 MHz, VED Height = 22.48 m

1611 AMP (08) (08) (08) (08) (08) (08) (08) (08)	I F	FAMSE	7F 16HT (KM)	3						044	
- O M -			(X X)	į	PHASE	ME [647	A	PHASE	JE ICHT	Ē	PHAS
	(90)	(DE0)		(DB)	(UEG)	Ē	(22)	(UEG)	Ĭ ¥	(90)	(UEG
	٠ ٠	22.4/-	0000	155.15-	75.35	2000	-01.075	-51.09	00000	-71.527	۲.۶
	153.	0,0/17	010.	959.15-	144.31	2000	-01.10-	145.14	001.	-71.017-	142.0
	1 1 1 1 1	¥5.04	070.	-21.140	143.44	• 000	201.248	146.14	00≥•	-71.672	38.4
	504.	141.65	050.	-12.414-	74.541	340.	-01.320	140.35	000.	-71.636	132.4
	125.	50./41	3	004.14.	142.00	171.	-01.385	137.80	004.	11.344	164.3
	270.	140.74	.	-51.483	141.56	001.	77.10-	134.51	.500	-70.861	114.5
	22.	146.3/	090.	-54.051	1+0.10	180	-61.386	130.52	.600	-67.485	105.2
.021 -41	, 07	142.41	0,00	-56.131	136.57	012.	-c1.286	155.91	002.	-68.861	9.0
	0/0.	145.38	990	491.70-	130.71	0.7.	-01.087	120.42	009.	-67.476	86.0
19- 120.	, 04.	144.10	3,50	162.24-	134.50	0/2.	-00.187	110042	00%	-66,053	64.3
	*00.	44.00	001.	*C2.3C-	135.21	005.	-00.377	163.40	1.000	-64.627	77.3
	011.	143.68	011.	24.24	167.60	066.	198.60-	10***	1.100	-63.241	73.4
.jj6 -4c	. 22.	146.40	021.	-52.221	126.78	705.	-27.524	55.65	1.200	-61,416	70.5
	605.	141.44	. I .	741.76-	143,77	390	-28.573	74,53	1.300	-60.661	67.6
	.00.	140.34	347.	-34.056	140.04	o 4.0	1-57.641	11.06	1.400	274.42-	65.0
	1500	13%61	051.	C14.1C-	117,35	00.4°	-27.076	80.30	1.500	-56.356	5.40
	676.	130.02	.100	-51.733	114.02	1001	-26.244	84.06	1.600	106.74	62.9
	500	136.71	21.	016.16-	110.60	015.	-55.50×	74.83	1.700	-56,303	01.8
	***	135.30	001.	1-51.6-	107.35	444	471.46-	41.19	1.800	-55.35V	0.00
	740.	133.86	041.	-20.940	104.07	.570	-53.96c	74.87	1.400	104.40-	00
	16/.	136.65	002.	-50.611	100.43	200.	-13.56-	74.45	5.000	-53.614	200
	./07	130.001	017.	-26.646	04.74	050.	-26.484	71.07	001.5	-52.804	58.8
	0//	160.07	U52.	-47.436	40.04	999.	-21.10-	67.52	002°2	-52,033	58.3
77- 690.	-44.100	161.00	0520	144.447	42.24	3,00	-11.085	64.15	2.300	-51.245	57.47
	.113	145.43	047.	144.010	64.73	.740	-30.45c	44.09	2.400	-50.540	57.6(
	,75	163.36	057.	-46.577	دد ، ۲۵	J.50		65.87	00¢.>	414.64-	57.5
	67/•	161037	092.	-48.132	61,60	J 8 L	+41.K+-	24.49	2.600	-47.266	2,0
	0/0.	114.30	012.	-47.6Bu	83.08	o. a. c.	744.55¢	90.00	2.700	249.84-	50.7
	110.	11/.35	007.	-47.446	a,	2,10.	26.64-	63.32	2.800	-46.043	56.5
	25.6.	115.32	042.	-46.771	79.43	0.4.	403.61-	64.59	006.7	-47,465	56.30
	\$ T.	113.25	300.	-46.314	77.82)) ,	1,6,861	96.04	3.000	100.00	56.2
'	41.14	103.26	056.	-44.135	71.49	1.050	-44.376	54.80	3,500	-44. 386	55.6
120 -40	40./41	74.67	004.	-46.130	67.67	1.200	-42.240	54.65	4.000	-42.222	55.2
	34.563	80.00	954.	-40,320	04.40	1.350	-+0.346	5/.54	4.500	-40,333	55.14
	C16.	80.80	005.	-38.688	62.41	1.500	-38.678	50.98	2.000	-38.661	55.0
	2/0•	70.24	ucc .	-37.214	61,01	1.650	-37.184	50.62	5.500	-37,165	55.0
	. 670	14.68	.000	-35.876	60.02	1.600	-35.834	56.41	000	-35,815	55.10
	16/.	37.00	959.	-34.655	59.31	1.950	-34.607	56.30	6.500	-34.588	55.2
	700.	67.80	006.	-13,535	28.81	2.100	-33.485	56.27	7.000	-33,465	55,3
	• 666	90.18	JC7.	-32.505	58.47	2.250	-35.456	56,30	7.500	-32,433	55.55
	-31,761	04.4	00 8 .	-31,553	58.25	2.400	767.15-	56.38	8.000	-31.481	55.74
	. d.	67.43) ca.	-30.670	58.12	945.5	-30.616	50.49	8.500	-30.598	95.9
	٠ ٢ ٢	1.50))	-C7.84B	28.07	2.700	-64.195	26.64	9.000	-24.777	56.1
•	53.610	04.29	055.	-29,083	56,08	950.7	-<9.030	56.8]	9.500	-24.011	56.3

Table 166. Radial Electric Field (Poorly Conducting Soil), Frequency = 10.0 MHz, VED Height = 44.95 m

(0.03) (0.04) (0
100.u
-+2.13Y Y8.17
-31.566 86.18

Table 167. Radial Electric Field (Poorly Conducting Soil), Frequency = 100.0 MHz, VED Height = 0.00 m

### ### ### ### ### ### ### ### ### ##	100.0
	######################################
######################################	### 15 - 10 - 10 - 10 - 10 - 10 - 10 - 10 -
100 100	### 17
######################################	1000 1000
100 100	100
100 100	1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,
######################################	1, 4, 4, 4, 5, 4, 5, 4, 5, 4, 5, 4, 7, 4, 7, 4, 7, 4, 7, 4, 7, 4, 7, 4, 7, 7, 7, 7, 7, 7, 7, 7, 7, 7, 7, 7, 7,
100 - 10 - 10 - 10 - 10 - 10 - 10 - 10	1,
100 0011 110	10
100.10 100.10	11.0
110.000.000.000.000.000.000.000.000.000	10.0
1100 1100	11. 102. 102. 102. 102. 102. 102. 102. 1
11.00 10.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1	10.00 - 0.5.893 10.05 - 40.01 - 40.01 10.05 10.0
# 17.00	110.
11.100 11.101 11	10
#11,00 - 0,01, 1	110
# # # # # # # # # # # # # # # # # # #	100. 1
# 100 - 10 - 10 - 10 - 10 - 10 - 10 - 10	100 100
25, 35, 10, 10, 10, 10, 10, 10, 10, 10, 10, 10	
11. 7. 7. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.	7. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10
144, 145	100 100
100,200 100	
# 150 - 10 - 10 - 10 - 10 - 10 - 10 - 10	100.24 - 027
######################################	
200-10-10-10-10-10-10-10-10-10-10-10-10-1	. 200 - 23.4055
######################################	.300 -52.4034
124.45 124.45	. 200
300.000.000.000.000.000.000.000.000.000	.340 -31.855 -4.28 .870 -51.863
######################################	.300 -31.295
### ### ### ### ### #### #### ########	.350
185 (51) 100 (1) 185 (51) 100 (1) 100	
VEG. 004. VEG. 004.	
100 - 11 - 100 - 1	.450 - **** (664 .41 11.50 - **** (664 .41 1
444.3.1.104.4.3.104.4.4.3.104.4.4.3.104.4.4.3.104.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4	.550 -1,443 .26 1,650 -42,047 .250 .40,043 .26 1,650 .40,043 .26 1,650 .40,043 .26 1,650 .40,043 .26 1,650 .40,043 .26 1,650 .40,043 .26 1,650 .40,043 .26 1,650 .40,043 .26 1,650 .40,043 .26 1,650 .40,043 .26 1,650 .40,043 .40 1,650 .40
100 - 11 - 100 - 11 - 100 - 10 - 10 - 1	.5501,443 .26 1,65041,443 .650 .650 .660.063 .650 .750 .750 .750 .750 .750 .750 .750 .7
65. CT UUS.	
. 000. . 000. . 000. . 000. . 000. . 000. . 000. . 000.	
449.751 JOE	. 7037.644 -0.0 2.20 -37.644 -0.0 2.20 -37.644 -0.0 2.20 -37.644 -0.0 2.20 -37.644 -0.0 2.20 -37.644 -0.0 -37.644 -0.0 -37.644 -0.0 -37.646 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.
4400.401 307.	.70
. 80 057.	.7536.574 -36. 5.250 -35.574 -3.05 5.250 -35.574 -3.05 5.250 -35.581 -3.05 5.250 -35.581 -35.500 -35.581 -35.500 -35.500 -35.500 -35.200 -35.200 -35.200
188.55. 009.	.800 -35.58110 2.400 -35.581 .850 -34.65513 2.550 -34.855 .900 -33.78815 2.700 -33.788 .950 -32.97417 2.850 -32.974 1.000 -32.20819 3.000 -32.208
	.850 -34.65513 2.550 -34.655 990 -33.78815 2.700 -33.788 950 -34.97417 2.850 -32.974 1,000 -32.20819 3.000 -32.208
750.45. OCD.	.900 -33,78615 2,700 -33,788 .950 -32,97417 2,850 -32,974 1,000 -32,20819 3,000 -32,208
982 - 006	.950 -32.97417 2.850 -32.974 1,000 -32.20819 3.000 -32.208
470 / 1 0 0 0	1,000 -32.208 -12 3.000 -32.208
100 011 000 1	803-20- 000-5 KT- 003-30 000-1

Table 168. Radial Electric Field (Poorly Conducting Soil), Frequency = 100,0 MHz, VED Height = 2.25 m

-			, , ,		10:14:11	,	407 4 4 5 4 C 6 4 C 6 4 C 6 4 C 6 4 C 6 4 C 6 C 6	1117		SU. O KM DOBNKANGE	CHNKANCE
Te ice	1	70.407	חבוטחו	ĭ	1	100	A 7	4	1		d
(,, 4,	(2)	(050)	3	(10)	75 477	ž.	1	25 1	100	E T	מעני.
27.4	-54.00	2 (1)	00000	17/	2 1				E 4	9	(DEG)
	-51.30	1/25		200	2 4	-	167	10.7	00.0	0	01.03
500.	CC+.1C-	140.41	6000	-04.40	141.57		, H	10.7	000	1000	10.1
£0	2+0-15-	00.111	¥00		141.7	37	-(1.367		2	200	0000
4C . •	120.15	14.001	110.	-01.10-	\$T * 5.5 T	3	-(1.107	120.72	200	77.475	70.17
. JOE	-51.1cv	10.241	c10.	-61.123	135.51	263.	10.500	110.77	2 1	21.4.7.	0.0
907.	-5	141.43	010.	260.10-	131.78	000	104.685	15.00	1	77.	73.00
130.	101151	137.10	120.	-00.	1<7.14	20.	-60.517	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	9 7	7	
90	~51.710	13/51	*20.	100.740	166.00	000	-07.17		017	1000	70.7
.0.	-51.35v	179.11	120.	-06.486	115.00	0.00	-60-747	74.5	27.	747	
. 10	0/6.1	133.30	000.	-00.072	111.00	204.	-54.354	78.72	005.	100.00-	2 2 2
= :	-51.400	130.05	£ € 0 .	755.46-	105.65	011.	-06.930	74.74	. 330	-03.411	54.10
7	-51.736	161.00	ar n.	744.00-	V4.001	•1<0	+[9·1a-	71.50	305.	137 · 10-	04.00
•	232.16.	16	¥50.	¥42.0C-	17.04	UC 1.	466.40-	51.69	265.	-60.600	14.45
5 .	20/ 11/	141.50	740.	975.16-	41.30	7 .	-24.17¢	n1./4	.460	154.45-	54.88
<u>.</u>	110.10.	110.30	U.*	-26.754	07.40	u<1.	-58.USB	45.54	04.	-54.144	56.30
6 !	131.16.	114.10	0 10	-25.470	30.10	.100	100.74-	02.49	043.	101.75-	57.86
7	061.10.	00.111	100.	241.56-	20.10	0,1.	100.001	63.68	.510	-56,040	57.45
;	404.3C.	100.01	, 100.	-24.413	18.31	.100	190.44-	64.14	0*5.	*11.cq-	57.11
, .	****	10.001	,50.	1, 3.04 /	10.00	067.	-24.160	61.35	074.	212.46-	56.41
٥,٠	007*00	101101	200.	-56.070	74.03	·400	27° 310	00.00	.600	5c6.6c-	50.63
121.	r - r - r - r - r - r - r - r - r - r -	70.07	100.	-24.166	(2.5)	017.	104.20-	91.09	.630	-52,535	36,50
77.	070.4.	10.4	000	09.14-	40.07	127·	-21.736	54.61	000.	->1.738	56,34
67.	77.631	73.66	* 000°	-50.173	55.35	· < 30	ナタブ・コロー	27.17	350.	-51.016	56.21
* "	00000	3	7,00	-20.104	68.10	047.	167.UC-	20.80	021.	-50.307	56.03
Ç;	0.7.0	20.00	τ,	001.	20.70	062.	410.41	19.05	04/•	£20.54-	55,43
027.		000	0 -	1 . 0 . 0 .	20.90	700.	026.01-	20.12	084.	215.01-	34.40
	7	10.1	190.		95.41	0/2.	1.40.04.	24.15	.610	-40.333	35.86
C 7) NO 1	C7 • 74	100	190./-	04.40	·200	241.748	27.70	040.	241.132	55.75
	7	0 :	000	, , , , , , , , , , , , , , , , , , ,	07.0	067.	1.1.1	57.50	0.010	-47.173	25.00
2	000			*66.0**	63.10	200.	-40.613	57.32	004.	c10.01-	55.04
;											
5.35	100.041	16.45	co T.	140.071	40.00	JCC.	750 ***-	50.67	1.050	140.041-	55.4
0	100 - 771	99.60	021.	11.460	74.40	004.	426.14-	56.30	1.200	975.14-	35.4
0 0 1 1 2 1	- A.A A.A	95°50	در . در	-+D.045	24.40	JC 7.	1+0.0+1	50.08	1.350	-40.036	55.4
3,1	10.3/0	03.61	051.	-30,370	37.86	onc.	-38.366	15.97	1.500	-34.364	55.4
25.7	יום מאמ	20.10	591.	-36.885	57.45	UCC *	-10.873	52.45	1.050	-30.00	55.4
200	300.00	01.00	701.	-35.536	57.19	0000	-35.563	69.65	1.600	-35.519	55.57
	0 40 • 40 •	20.00	7.	J4.310	20.75	UCQ.	-34.246	55.48	1.950	142.46-	55.66
2	-33.660	04.40	012.	-33.188	56.43	.700	-13.173	₹0•0 5	2.100	-33.169	55,80
٠,٠	161.28	70.40	۲۶۶۰	-36.157	14.90	٥٢٠.	-35-145	50.15	2.250	-32,137	55.94
000	-31.64		0.7.	-31.604	56.43	000.	101.101	50.28	5.400	-31.185	56.09
0 0 0 0 0 0	707.75	70.0	667.	-30,322	\$. O.		-10.300	24.45	4.550	-30.302	56.2€
0 d	200000	10.00	0.7.	105.62-	57.08)) ,	984.67	56.58	2.700	784.62-	56.44
000	100.101	10.00	C97.	95/197-	27.60	JC.	121.67	50.76	6.850	-48.117	56.6
>	000	24.00	2000	100.00	در. ۲۰	377° I	-ce.00e	56.95	3.000	-50.005	56° &

Table 169. Radial Electric Field (Poorly Conducting Soil), Frequency = 100.0 MHz, VED Height = 4.50 m

								• • • • • • • • • • • • • • • • • • • •		1 - 1 - 1 - 1 - 1 - 1 - 1	
	101	F N L SE	ne lon	A	774 St	חב]נחן	A T	UHASE	HE I GAT	AMP	FHASE
	(0)	(crc)	E Y	(OB)	(OEG)	Ē	(80)	(UEG)	F	(DG)	(utc)
	2/0.01	101.70	303.0	-26.036	-17.44	00000	100.401	77.407	00000	100.9/-	, , ,
	160.34-	73.707	500.	-56.123	*! ·! o!	> T > •	766.55	17.58	0E0.	-10.01-	156.70
	04/ 04-	103.01	0000	402.90-	100.00	0>0.	-10.00-	155.44	900	-10.404	146.
1000	150.01	04.70	, ,	197.95	120.061	069.	575.00	143.41	070°	-75.018	1.00.1
	700.00	101.62	710.	126.34/	122.04	7	-06.338	141.00	.120	-73.201	114.6
10 10 10 10 10 10 10 10	C70./4-	160.56	. c.	-56,373	154.34	000.	102.733	136.35	150	-70.831	102.1
	COD . / 5-	د۱۰×۲۱ د	DT 0.	-26.346	1+6.30	202.	176.93-	124.63	.180	-64, 368	43.5
	/61./**	151,000	170.	-20.246	143.01	3/3.	-03.757	113.66	• < 10	-66.041	07.7
100.0000000000000000000000000000000000	017.15-	155,63	* U Z 4	20.00-	430.55	164.	714.50-	100.00	047.	-63.915	83,8
	197./1-	103.49	120.	-52.73 .	133.13	o ^ O •	755.00-	97.75	072.	-61.488	9.10
	1670/5-	60.161	000	C+6.cc-	167.60	001.	104.461	46.14	0000	-60.240	2.5
10	547.17	140.40	.033	-54.830	166.10	· 1.	-26.184	90.00	066.	-54.646	77.
	-41.650	74.5.1	950.	+22.46-	116.35	.140	-20.00-	41.75	.360	-57.146	70.4
13,-45 13,-45 10,145 1	102015-	144.60	¥50.	C+C+C-	116.20	064.	-25.667	65.67	065.	-55.840	75.5
100.01	711.74-	137.40	240.	-56.415	48.701	77.	124.46-	63.27	027.	-54.534	74.4
	114 07-	130.14	.040	250.25-	103.90	4150	716.66-	40.18	05**	-53.433	7.4.
10	141.17	136.75	210.	-21.474	100.56	.100	*62.2c*	80.30	08**	-52.349	73.8
	K/C.07-	147.46	160.	764.06-	V4. VY	2/1.	-21.200	77.20	015.	-51,332	73.5
	140.000	100001	*00.	-43.715	74.03	.100	-20.326	75.87	340	-50.375	73.6
10 10 10 10 10 10 10 10	100.001	166.00	150.	140.453	¥6.54	140	254.44	44.11	.>70	174.44-	76.5
100.00	-42.04-	117.64	090.	102.84-	10.04	2002.	**4.587	70.63	0000	-44.615	72.
113.00	-47.334	110.5/	200.	185./5-	47.00	012.	-47.784	15.21	0.00	-47.BU3	~
10 10 10 10 10 10 10 10	144.440	113.00	990.	-40.176	41.78	4660	110.7-	75.74	.000	-47.030	12.
10 10 10 10 10 10 10 10	7+6.44-	110.14	400.	140.01	45.00	.630	-** 5.285	75.37	040.	-46.243	72.32
	K 7 7 * + + -	100.30	210.	-42.434	04.63	0.7.	147.184	75.01	07.	45.549	12.5
	143.000	100.44	c/0.	44. 795	83.50	UC>.	16.31-	74.70	. 750	-44.115	72.1
	-43.543	1000	. u 7d		96.00	002.	175.44-	74.43	.780	-44.270	16.57
	246.120	101.70	120.	780.54-	81.78	7/2.	549.54-	4	0 P P	-43.b50	72.0
-41.45	-46.340	79.66	\$20°	-+3.006	40.10	.2au	740.E+-	73.48	048.	₹<0.€4-	7.7
-3x,-2x	949 - 1 -	76.00	, ua7	£ 55.751	20.37	. K V C	194.7	73.80	0.470	-46.482	,
-37.670	104-17-	40.47	36.0	016.1.	14.10	000.	-41.436	73.64	006.	-41.430	71.
-37.750											
-37.331 db,ub .1cu -37.35c /6.59 .4uu -37.32c 72.87 1.20u .33.50	-34.640	10.14	C01.	194.46-	17.00	4€€.	744.77	73.11	1.050	-34.439	71.6
-33.500 03.34 (133 -33.54) 75.02 (450 -33.447) 72.80 1.330 -33.500 04.62 (150 -33.54) 75.08 (550 -33.69) 76.80 1.350 -34.500 10.62 (150 -33.64) 76.81 76.81 1.850 -34.500 70.73 (150 -30.00) 74.42 (550 -24.96) 73.81 1.850 -24.500 70.73 (210 -26.95) 75.31 750 -27.495 75.80 -27.500 70.73 (210 -26.95) 75.31 750 -27.453 76.22 2.250 -20.100 70.73 (20.00) 70.31 70.22 2.250 -20.100 70.73 (20.00) 70.31 70.32	-37.331	40.00	.1<0	-37.352	16.64		-37.324	74.87	1.200	-37.313	71.89
-3.492 c1.46 130 -3.699 75.08 .500 -3.4857 72.86 1.500 -3.4957 72.86 1.500 -3.4952 72.415 73.41 1.650 -3.4575 74.47 .500 -2.4415 73.41 1.650 -3.4575 74.47 .500 -2.4415 73.43 1.650 -3.4575 74.43 .600 -3.1.12 73.43 1.800 -2.4415 73.43 1.480 -2.4415 73.43 1.495 73.43 1.495 73.43 1.495 73.41 1.495 73.410 .700 -2.4962 73.41 1.495 73.400 -2.4400 73.40 73.41 74.45 73.41	-32.562	92.30	CL1.	214.cr-	15.52	064.	-15.477	74.80	1.350	-35.468	72.0
-3(-50) 60(-5) (100) -16-40 7 74,81 (100) 1-50415 73401 11-500 1-3(-40) 74,42 (100) 1-3(-40)	-33,782	91.10	150	-33.896	75.08	005.	-33.857	74.86	1.500	-33.845	12.2
-3cc+ /9.44 .180 -31.167 74.83 .000 -21.125 73.23 1.800 .200 -29.96 73.51 1.950 .200 .29.96 73.51 1.950 .200 .29.96 73.51 1.950 .200 .200 .200 .200 .200 .200 .200 .2	-36.263	67.00	.105	154.26-	10.41	ucd.	-36.415	73.01	1.650	-32.403	72.4
-34.1ce 78.9b .199 -100.00b 74.92 .650 -29.9bc 73.51 1.950 .25.0bc 73.51 1.950 .25.0bc 73.51 1.950 .25.0bc 73.51 1.950 .25.0bc 73.51	-31.664	17.41	091.	-31.167	74.83	200.	-31.125	73.23	1.800	-31.112	72.7
-2***vov 70.73 .c10 -c8.99* 75.10 .700 -c8.910 73.84 2.100 -2***c5 70.68 .c25 -c7.947 75.37 .300 -c8.95 -27**c5 70.68 .c40 -c7.125 75.37 .800 -c7.453 74.55 2.450 -20***c5 70.68 75.72 .800 -c7.48 75.55 2.450 -20***c5 70.68 75.72 .800 -c7.48 75.12 2.550 -20***c6 70.68 75.75 .800 -c7.48 75.65 2.500 -20***c6 70.68 75.69 75.60	-30.160	78.40	c.1.5	-30.00-	74.42	000.	796.63-	73.51	1.950	-24,450	73.1
-20.155 70.056 .255 -27.997 75.31 .750 -27.993 74.22 2.250 -27.550 -27.655 -27	-52.000	78.73	012.	-68.82-	75.10	.700	016.82-	73.84	2.100	-28.898	73.4
-21.655	-20.165	10.00	د۶۶۰	164.52	75.31	.750	-67.953	74.22	2.250	-27.941	73.8
-20.455 79.07 .255 -26.328 76.13 .655 -25.584 75.12 2.550 -25.54 74.15 .25.554 75.51 .40.1 -25.554 75.64 2.700 -25.54 77.64 2.700 -25.54 77.64 2.700 -25.54 77.64 2.700 -25.54 77.64 2.700 -25.54 77.64 77.700 -25.5	<<>./>-2/	10.11	047.	-<7.125	15.12	009.	-<7.081	7**65	2.400	-27,069	74.3
-25.(c+ /4.35 .(2) -25.549 76.61 .900 -25.554 75.64 2.700 -25.05	-20°+20	79.66	452.	-26.328	76.13	0 0	-66.284	72.12	2.550	-26.272	F. *
0.00 C (0.50 FBE 5/1 0.00 FC 6/1 0.50 FC 0.00	-52.163	74.38	0.2.	444.62-	10.01))	165.62-	12.64	2.700	-25,542	75.3
000*7 [2*0] CD0**3 00** CT*// 00**3 503* 50*/ 000**3	-52.000	17.04	, ray	054.42	77.15	JCA.	-24.885	76.21	2.850	-24,873	75.4
			,,,	りゅう・トリ	1)) ,	1.3613	30.2	>>>>	× 00 0 1	2
000			1	### ### ### ### ### ### ### ### ### ##	PTLSE	MAD			CLOS Clos	Columber Columber	

Table 170. Azimuthal Magnetic Field (Poorly Conducting Soil), Frequency = 0.1 MHz, VED Height = 0.00 m

# 000000 t t 000000 t t 000000								
\$ 0 7 3 3 6 \$ 0 7 3 3 6	F	ゲコタンC	ne lon!	I I	FIRESE	100	Ā	7
07220	(67)	(UE 0)	(£ 4)	(OB)	(OE 6)	£	1	10.10
2000	1.040	-41.00	2000	-6.473	15.5/-	200	17.5	200
320	. 000	50.14-	001.	-c+265	-13.01	000.	0.440	-110.37
٠ د د	0,000	7	222	-6.634	-13.15	000.	-7.201	-110.30
-	776.	67.1	2000	14/ ">-	-16.48	2000	-7.511	-114.16
: :	ハ カ · · ·	50.11.	201	420.3	00.17-	1.600	-7.140	-111.96
2 :	0,7.1	すなっつすし	004.	DOK . 2-	-71.14	1.500	-1.470	-107.70
	100.1	10.01	.000	16.480	-70.43	7 • 4 00	-0.17	-101.34
0	030.1-	11001	002.	13.000	-04. (*	201.2	00.00	-105.03
۰	100-1-	+7.0+-	220.	1+1.5-	10.50-	ファナ・ソ	246.8	-106.63
2	0/0.1-	10.01	004.	-3.613	-62.34	00/.2	140.0	-100.01
2	221.1	\$0.77·	000.	-3,683	-07.04	3.00	6.83/	14.76
.330	+21.1-	13466	00.1 • 1	156.6-	-60.43	3.300	964.0	14.04-
20	041.1-	17.60	1000	J4.6-	-06.63	3.600	V 0.5	
G.	1/1:1-	134.66	1.300	-3.470	76.50-	207.5	17.140	10.1
Ç,	17.14.1	オフェアワー	374.5	13.558	100-	707.5		77 / 11
000	-1.cle	-35.84	3.500	₹₹₹.5	40.10-	9000	- V - 204	34.081
90	20201-	100.00	1.000	3000-	-65.38	2000	24.4.	47.45.54
0	102.1-	-30.44	1.700	-3.103	10.20-	001.5	77.117	7 . 7 . 7
9	102.1-	-70.00-	1.000	-3,733	05.10-	3.400	775	-70.67
0	-1.3UC	10.00-	104.1	13.861	c2.10-	00/.4	. 4.31.5	-70.45
00	-1.363	12.15-	000.2	-3.846	100.54	000	245.4-	-74-32
30	11001-	-31.64	<.100	-3.887	10.45-	00000	200	-76.25
20	-1.303	-31.44	002.5	JE 4.5-	-54.13	0.00	17.610	30.05
364.	500.1-	-31.64	005.5	13,404	24.05-	20.00	19.107	1000
20	774.1-	-3/.04	004.0	4.005	-57.73	70.7	7.107	7400
.750	174.1-	-30.04	7.500	¥80.4-	-57.04	224.	7 77	14.44
S)	244.11	-30.04	2.600	-4.071	C. 404-	200.	0.00	7
012.	004-1-	-30.44	C. 700	201.1	25.00	001.0	.77	66.14-
9	9/4.1-	-30.64	2.500	-4.168	54.43	22.50	0.010	44.60
0	15,1011	٠	004.2	101.1-	10.44	001.00	57.0	11.04-
000	11011-	-30.04	3.000	-4.177	-53.64	0000	-8.63c	-50.64
350.	646.1-	134.85	3.500	-4.600	¥2.43¢-	244.44	74	
8	100.1-	-33.08	300.	4.318	15.73-	222-71	. 74	10.5
9	-1.133	-36.46	4.300	255.4-	73.33	4.500	~~~~	20.01
00	-1.173	96.16-	3.000	-4.360	5/ 5/ 5	2017		CF . / F =
1.050	040-1-	-31.05	000.5	-4. CBS	47.45	202.41	6.423	4444
8	-1.643	-30.15	00000	-4.636	35.40	30000	-6-070	
0	CC4.1-	12.62-	000.0	-4.10/	75.45	14.500		200
2	1/4.1-	14.07-	7.000	240.4-	-36.96	200.17	459.67	-78.16
0	200.7-	16.12-	005.	710.4-	91.16-	26.500	25.140	70.57
8	-20.02	-25.76	0000	13.464	45.45-	24.000	14.957	91.46
0	7CD - 7-	-K2.95	9.500	-3.846	-48.00	45.500	76.4-	-23.47
0	7/1.3-	22.62-	2000	-3.753	-<0.11	20.00	-4.54	-2C.H.7
0	-6.000	94.47-	9.500	13.064	14.62-	68.500	14.360	-21.89
00	101.5-	-63.77	2000	3.545	17.6	000.00	2	00 1101

Table 171, Azimuthal Magnetic Field (Poorly Conducting Soil), Frequency = 0.1 MHz, VED Height = 2247.60 m

			•				->.70b -93.20									-10.493 -71.53				-11.133 -62.19		-11.120 -57.62			-11.022	726.01-	916.01-	2 5 0 1 -	10.785	,	-10.638	-10.559		26.0	· · ·	מיקיים	-8.453		0.00	6 9 B B	2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	14 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
HE CHI	(F.K.)	00000	2000	900	00A.	1.500	1.500	1.800	7.100	70400	4.700	3.000	3.300	3.500	3.500	4.600	4.500	4.600	2.100	5.400	5.700	0000	9.100	0.000	004.0	7.600	7.500	7.800	001.0	304.8	9.700	000		006.01	14.000	13.500	12.000	16.500		18.000	18.000	18.000	18.000 19.500 21.000	14.0000 74.0000 74.0000 74.0000	18.000 2.19.000 2.45.000 2.45.000
FHASE	(UE 6)	47.BC-	-58.14	14.74-	-20.80	-26.13	-55.44	-54.76	-54.07	75.55-	-54.67	-51.47	12.14-	-50.5b	44.00	147.15	140.44	-41.13	147.06	-46.36	142.01	74.41	4.20	-43.50	74-80	-42.11	24.14-	-40.73	40.04	75.45-	-38.70	-38.02	:	- 74.	99.15-	-28.73	-25.98	-43.44		-21.03	-18.81	-18.81	-21.03 -18.81 -16.74	1 1 2 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	121 114 114 114 114 114 114 114 114 114
AMA	(na)	446.51	14.037	-4.127	-4,415	14.301	14.384	14.400	14.542	-4.623	4.090	077.4-	1+9.4-	14.4]C	014.41	15.040	-5.102	101.5	-5.617	c12.6-	-5.360	475.57	424.61	-2.476	156.6-	495.4-	-5.600	15.640	-5.684	-5.7¢u	cc1.c -	-5.788		426.6	-6.035	• • • • •	-6.171	-6.212		10.440	-6.440	0.440	-6.274 -6.274 -6.274	0. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2.	10.244 10.244 10.244 10.3140
HE LOHT	(x x)	00000	001.	002.	000.	204.	2004.	000.	996.	000.	005.	000.1	1.100	4.600	1.300	004.1	1.500	1.600	1.700	1.800	004.1	2,000	4.100	002.2	2.300	004.7	4.500	7.600	007.5	7.800	206.7	3.000		3.500	200.4	4.500		٠		0000	000	0000	20000	8 4 4 6 0 0 0 0 0 0 0 0 0 0 0	8 8 4 4 4 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6
THASE	(C)	95.12-	46.72-	41.12-	-60.77	-60.73	-46.50	-26.38	-46.10	84.67-	-42.18	95.62-	-65.30	-42.10	-24.30	-64.77	14.47-	15.47-	-44.17	-63.97	-63.77	-23.50	-43.30	-23.16	-44.75	-66.10	-24.50	-66.36	-22.10	-21.96	-41.76	-<1.56	,	,c.n/-	45.41-	-10.64	-17.66	-10.71	7.		-14.86	11.46	114.86	112.46	111111111111111111111111111111111111111
AMA	(pa)	254-1-	104.1-	400.01	-6.03/	-4.00-	740.7-	-6.119	041.7-	-6.113	002-2-	-4.660	662.2-	-6.617	CUE . 3-	166.2-	156.3-	-4.363	V04.7-	404.7-	104.7-	-C.403	016.2-	C.C.2-	100.1-	C9C*7-	010.7-	C.6.2-	-6.657	-4.004	99/-7-	-6.133		£ 50.7-	714.7-	170.0-	-3.CUB	-30.363	44.1		795.5-	10000	70000	13.00.	11111
ne Iohī	(AA)	00000	030	090.	060.	120	150	.180	.210	042	270	000	330	360	390	420	650	480	.510	540	.570	009	.630	.660	069	.720	.750	.780	010.	048.	.870	006.	į	1.050	1.200	1.350	1.500	1.650	,	2000	1.950	1.950	1.950	1.950 2.100 2.250	1.980 1.980 2.280 2.400 2.500

Table 172. Azimuthal Magnetic Field (Poorly Conducting Soil), Frequency = 0,1 MHz, VED Height = 4495.20 m

11000000000000000000000000000000000000	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	1111	(OE 6)	£ 5	(00) 7,526 7,536	3 41.5
		00000000000000000000000000000000000000	1111	10.20 10.41	2	197.7	
			1111	7		25.54	2 4 7
		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	304.11	7/ 1	000		20.00
; 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7		222222222222222222222222222222222222222	340	71.45.4-	200		-444
7		10000000000000000000000000000000000000		-46.45	3	1.0.056	17.44
		000000000000000000000000000000000000000	0/0.4-	1.1	1.000	10.300	-71.65
		000000000000000000000000000000000000000	-4.100	FO - 17-	1.500	-10.531	-73.00
		000000000000000000000000000000000000000	>50.4-	19.04-	1.000	V47.01-	-76.69
		3333333 3333333 3434 3444	102.1-	-37.12	75700		45.06-
		2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	124.6-	20.66-	204.0	-11.143	-67.45
11/20 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~	20000	-5.103	10.80-	<.7uu	-11.317	-62.5
1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		0000	-5.165	-31.53	2020	-11.47e	-6J.CB
0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		1.000	-5.¢64	-36.43	3.300	-11.619	-60.62
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	335.1	-5.343	-36.66	3.600	-11.740	-50.15
7 (7) 7) 7) 7) 7) 7) 7) 7) 7)	0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		124.6-	10.00-	3.500	-11.850	-52.60
7	11.7	7.400	144.5-	-34.80	4.600	256.11-	-53.6
10000000000000000000000000000000000000	17.1	1.500	216.6-	40.46-	4.500	-12.034	-50.73
1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	14.54	1.600	2.0.0	-33.30		-14.100	-40.37
400 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		7.700	12.21	-36.01	2.100	-16.151	55.03-
11000000000000000000000000000000000000	77.	1.800	147.4-	-31.76	2.410	141.71-	-43.65
10000000000000000000000000000000000000	-14.14	1.700	799.6-	-31.6-	2.100	-14.216	-41.3
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	> 7.3.7<	1.000	764.6-	20.00-	00000	7.62630	11.46-
17.6.2.1 17.6.2.1 17.6.2.1 17.6.2.1 17.6.2.1 17.6.2.1 17.6.2.1 17.6.2.1 17.6.2.1	17.01-	001.2	100.01	10.67-	005.0	-16-634	-30.95
7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	13.56	7.500	10.101	01.62-	0.000	-16.260	-34.79
7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	-13.64	4.300	-t.135	-60.33	00%.0	-12.21-	-36.71
0 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	¥0.51-	004.7	102.0-	19.12-	1.630	-16.19	-30.70
7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	-16.00	105.7	102.2-	160.30	7.500	-16.163	-20.74
10000 10000	-10.07	0000	166.0-	46.65	2000	-16.160	56.92-
17.77	-14.40	7.700	-6.335	-42.42-	9.100	480.21-	-20.05
13.610	-14.63	6.660	10.45/	-24.83	004.0	**0.21-	-63.65
40.6-	10.71	206.7	10.560	-64.13	`.		-21.54
	ານ•¶.	2000	10.04	-43.46	7. 000	0 7 7 - 7 40	78.71
	:	•		:		•	
	0 1) : 	0000	26.61	000.01	20.11	-10.44
606.61 003.	0 1		501.	D3.07-	200.	246.11	* 0-
		000	10,	00 1	200.51	7	
		000	60.0	1	000.51	046.01	2
1 1 00	ָּבְיּבְיּבְּיִבְּיִבְּיִבְּיִבְּיִבְּיִב	000	\$20.0I	7.0	200	000	97.0
	1 ·		0 5 5 · 5 ·	1	000.	A 64 0 1 -	16.20
1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0	0000	0 · 0 · 0	9	7. V.	710.01-	15.6
	7 ! 7 !			J. 50	2000	10.01	74.6
		2000	056.4-	14.0	44.500	-10.693	23.03
	٠٠,	a	606.4-	17.01	24.600	-10.783	26.60
	ر• ري	3.500	-10-103	14.13	45.500	116.01-	30.45
•	¥	300.7	-10.525	10.05	0000.60	241.07	34.0
190.00	:	005.7	797.3T-	<5.53	48.500	462.11-	34.06

Table 173. Azimuthal Magnetic Field (Poorly Conducting Soil), Frequency = 1.0 MHz, VED Height = 0.00 m

Table 174. Azimuthal Magnetic Field (Poorly Conducting Soil), Frequency = 1,0 MHz, VED Height = 224,76 m

			•	٠	٠	·																			70.67								æ						71 38.41			•	-		
	₹	ğ																							**************************************								-17.1						-12.771						
	Hr 1641	Ĩ	000.0	007.	007.	005.	007.	005.	000.	.700	000.	005.	1.000	1.100	1.200	1.300	7.00	1.500	7.600	1.700	000.1	005.1	202.	001.2	0000		305.	000	2.700	2.800	2.500	3.000	105.4	900		000	005	0000	6.500	7.000	7.500	8.000	8.500	٧.000	
•	PHA SE	(OEG)	-84.9]	-11.61	-64.57	-61.00	-54.23	-43.65	-35.61	-28.30	-51.82	-10.18	-11.29	-1.07	-3.45	25	6. 51	3	۲a٠,	3. D	0 7	16.23	20.51) () () () () () () () () () (10.07	10.04	2	17.62	20.60	21.34	24.02	22.67	13.43		14.50	10.15	34.40	33.66	34.82	35.91	30.94	31.92	34.88	34.61	
	AMY	(90)	-68.175	46.43	-67.707	-64.934	164.67-	164.867	405.42	550.62-	-68,513	-67.926	-67,300	260.02-	-c6.08¢	24.67	164.436	750.37	163.874	-63,382		-66.400	100.72	250-17-	7 HH	/24.72-	V81.02-	14.866	-19.555	24.238	-18.97	-18.697	-17.603	10.7	34.4.4.	-14.770	250 41 1	-13.503	-16.975	505.21-	-16.UB3	-11.704	-11.362	-11.054	
	HE JUHT	ĐŁ)	000.0	272.	30.	o ∧ o •	• 1 ro	961.	.180	0 (7.	047.	0/10	005.	25.0	200.	٠ ٢٠	1)C\$.	, t	210.) * U ·	2) (1	000	000	2	2.7.	467.	.780	079.	10.	0/0.	004.	1.000	1	30.5.4	005	1.650	1.800	1.750	C.100	4.630	604.7	7.550	2.700	
	FHASE	(OEO)	-75.59	-73.64	-76.96	-68.11	-65.78	-03.17	10.00-	15.75-	-55. va	-26.34	40.71	140.04	-44.11	7. 7.	1,00.	-36.12	00.51-	50°15-	-60.00	97	16.5.4	74.7	7	10.41-	27.5.1-	24.11-	-10.19	-0.53	14.0-	24.6*	7	7	2	3	10.11	<0.02	23.67	24.62	47.30	24.14	30.78	36.31	
	Ā	(DB)	110.111	-18.636	100.01.	216.01-	121.41-	44.455	-19.376	125.61-	666.41-	010.41-	14.000	989"	5,00,011	280.41-	550.41-	900.41-	1 40 . 4	7/5.41	14,383	707.41	1 4 5 7 1	000	120.781	110.01	255.01-	-16.346	761.81-	-15.036	919.11-	-17.719	-16.924	4	10.44	14.793	141.14	444.61-	-13,163	-14.717	-16.313	-11.946	-11.613	-115.11-	
	ME LOHT	£ ¥	200.0	o ₹ o •	242.	050.	242.	J.C.D.	300.	o , o .	303.	3. 3.		071.	071.	051.	3	007	0 -	3	001.		200	2 1	050	047.	062.	192.	072.	182.	062.	005.	uer.	9.04	24.	005.	755	000.	069.	006.	uc/.	200.	3450	225.	
	72.45.7	(CF 6)	9.	57./*-	*0.04	79.04-	71.64-	144.30	-43.65	74.34	47.75	141.45	1/ 0091					20.10	03.00	75.50	0, • 6	00.10			20.41	43000-	15.62-	-69.76	20.02-	12.12-	160.53	145.80	-66.14	74.010	50.51-	-11.73	44.01	-5. 3d	٠٥.3٧	4.	77.7	v. (v	Q. CQ	10.01	
	4	(a)	107.41	****	220.7.		17.400	101.4.	110.4-	100.4-	100.1	000	73,	0 1		7000	- 1 - 1	076.61	3 1 1	100	N 10 - 0 - 1	30001	41-1-1-1	*****	-1001/6	-10.133	-10.06-	-10,049	-10.5/1	-10.693	-10.01-	-10.336	-10.40	004.01	-10.401	204.01-	-10.465	-10.436	-16.36/	-10.336	-10.610	-10.603	-10.134	-10.00	
	f£ 10mT	2 ×	000.0	500	900) (21	5	n .	170	370	200	010		0 0	2 0					֓֞֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓			900		۵.		_	16%	• JB4	.087	96 <u>}</u> •	• 105	1,20	135	.150	.165	.160	195	.210	.225	942•	• 552	.270	

Table 175. Azimuthal Magnetic Field (Poorly Conducting Soil), Frequency = 1.0 MHz, VED Height = 449.52 m

	PHA SE	HE JUHT		PHASE	HE I GMT		PMASE	AE JOHT	AMP	PHASE
	(5)	ξ¥,	(na)	(: JĒG)	(£ Z)	(100)	(UEG)	(¥ 4)	(pn)	(Ut.6)
	16.7	00000		140.01-	0000	•	-53.04	2020	-74.47-	-57.40
₹.	200	070.		44.07	263.	•	-41.75	001.	-30.001	-30.32
	9 : 0	272.		-45.10	1000	-65,314	134.70	002*	-35.105	72.44
	١٠,٠	050.		15.00	0 1 0	•	-31.13	000.	-33.116	16.90
	0	3 .		01./5-	021.	•	-24.36	004.	474.00-	18.63
	3. 36	20.		14.45-	JC 7 .	•	-13.78	. > 00	-27.088	35.96
'n	9,16	0 1		K) • 15 =	100.	•	12.6-	000.	-<1.417	40.00
	0.0	5		10.67-	012.	•	1.61	007.	260.62-	14.34
	2	900		-46.31	o † ∨ •	•	v	000.	-24.009	10.7
	2	3		763.36	0/2•	•	13.75	200.	-< 3.830	44.40
	12.0	001.		-60.73	225.	•	10.66	1.000	-<2.000	50.58
	7.47	⇒ . •		٠٠. ١٠٠	066.	•	44.22	1.100	-22.041	24.10
-	40.0	160		-15.34	705.	•	30.35	1.200	-<1.273	53.04
	١.٧٤	.130		-16.30	025.	•	27.75	1.300	76002-	10.45
-	٠:٠	.140		14.65	024.	•	34.54	1.400	-17.461-	24.45
~	45.0	051.		46.43	VC 7.	•	34.44	1.500	156.61-	44.44
∹	29.6	201.		16.4-	(184.	•	3/016	1.600	-10.77B	20.00
~	10.1	.170		-1.13	014.	•	34.09	1.700	-18.201	20.00
7	4.00	101.		۲.	040	•	£ 0.7	1.000	-17.1/8	37.41
7	3.67	041.		3.24	.5/0	•	46.34	1.500	-11.325	21.36
7	25.7	227.		2.01	• 600	•	43.83	2.000	-10.547	56.37
-	1.07	012.		7/	.630	•	01.64	2.100	664.01-	50.03
7	L. 64	177.		10.13	000.	•	42.04	4.600	-10-111	27.24
7	0.10	,630		12.51	250.	•	41.JR	4.300	-12.7.48	54.65
•	42.4	. 440		14.34	120	•	40.09	7.400	-15.403	10.00
•	41.0	VC2.		10.36	. 136	•	47.33	3.500	-15.075	00.30
•	1.00	192.		10.63	, 100	•	20.00	000.5	-14.761	07.00
٠.	/2.0-	0/2.		60.00) ¶ Q •	•	20•1€	6.100	-14.401	61.03
٠.	UD. C.	182.		79.17	0	•	51.40	7.000	-14.175	01.34
•	2.64	0.40		16.67	0/0.	•	56.56	2.400	006.51-	01.04
٠	71.1	300		47.67	200	•	12.50	3.000	-13.636	01.4
	٠. ٢٧	JC6.	100.61-	36.34	1.000	C 4 3 . 6 4 5	36.76	3.500	744.71-	3
	3.40	3)1.	-16.733	34.65	227.4	-16.073	70.67	000	707-1-1	1
	21.0	.450	-14.010	43.60	1.350	107.11-	67.00	2000	444	7
~	6.37	2000	-11.303	16./*	000	110.636	44.74		7	2
_	6.63	JCC.	-16.763	27.15	1.650	300.5	34.40	004.0	7 05 0 A	2 2
v	0.00	. 606	-16.632	54.53	7.000	75.24	00.00	000	-3.76	
v	2.17	•620	27.7.	56.75	1.450	-0.74L	20019	000.0	18.085	70.43
٧	7.46	201.	716.4-	62.20	001.2	ים. גטני	53.17	7.000	-7.503	*0.7
٠,	3.65	٠/٥٠	017.01	18.20	00202	7.41.	70.54	1.5000	164./-	(6.0)
-1	(8.	30 p.	490.00	16.50	004.7	-1.565	72.13	0000	1010/-	40.47
2	10.24	000.	£ 47 . A .	201.00	UC4.2	-7.25	73.70	3.000	100.00	15.30
1	11.0	00%	-1.134	64.64	6.700	10.460	13.66	353.	110.01	10.01
r	***	304.	1,001	1 : 7 2			,			
					0000		* 0	0000	~ * * * * * *	1

Table 176. Azimuthal Magnetic Field (Poorly Conducting Soil), Frequency = 10.0 MHz, VED Height = 0.00 m

!											
TE IONT	7	7.745E	HE LOH!	A X	THASE	חבן לאן	Ā	PMASE	HE I GHT	AMP	PHASE
Σ Σ	(00)	(UEG)	(£ ¥)	(na)	(DEG)	(K M)	(90)	(UE6)	(HY)	(00)	(DEG)
00000	-34.711	10.01	20000	+45.34+	-18.1/	000	174.947	-70.78	20000	-65.411	-ye.9x
.03	-34.060	165.00	010.	⊃ ₹ 2 * † † •	-65.00	272.	-48.718	-33,33	001.	-43.517	-13.64
900.	-34.5/0	-10.00	0/0.	769.11-	12.27-	.000	765.54-	-14.50	2002.	466.64-	70.4
.	-34.041	Ct. Ct.	350.	112.46-	-36.00	0,00	* [O.01-	97.+[-	000.	イバフ・ロサー	.4.7
0.12	156.66-	14./6-	140.	-11.130	-20.63	071.	-17.574	-11.43	004.	-37.585	-6.71
	-36.04/	-51.63	J C C	114.56-	-61.98	151.	-12.674	-10.39	000.	-35.673	-6.64
910	-31.015	40.04	000	264.66-	10.61-	701.	-34.123	- 1.35	009.	-34.115	76.5
. 021	-31.030	50.14-	3/0.	-26.634	14.01-	0 [Z •	174.813	-0.43	. 100	-36.803	-5.69
,75	-30.605	-31.64	. 000	-31.602	-15.60	2,7.	120.10-	50.0-	. 600	-31.670	-5.51
157.	-27.500	134.00	3.A.D.	-36.630	-14.01	012.	130.686	19./-	004.	-30.675	-5.37
080.	-70.000	-31.30	001.	-64.130	-16.35	006.	266.47-	-1.26	1.000	-64.787	-5.45
. v33	147.02-	-40.40	27.	-68.368	-16.15	150.	144.87-	10.97	1.100		-5.13
• 036	740.12-	24.42-	771.	042.27-	-11.44	nof.	-402.07	-0.7	1.400	-64.654	.o.s.
. v39	1/00/2-	+2.62-	061.	-67.586	50.01-	360.	-41.000	-6.51	1.300		-5.0(
240.	-7t.033	-63.16	347.	-66.974	-10.33	100	184.07	-0.33	1.400		* · * ·
6.45	-75.32-	-66.35	001.	404.47-	14.00	.450	-40.41	11.0-	1.500		Ď. 1.
Eto.	645.65-	-61.19	100	+10.67-	27.4.	204.	-65.877	-0.03	1.600	•	-4.83
6.0	-25.000	-60.14	0/1.	-65.377	****	014.	-65.379	.0.4	1.700		P/ -7-
4C.0.	-24.653	-13.13	181.	¥05.47-	-4.84	040.	016.47-	-5.7y	1.800		-4.74
150.	142.42-	-10.33	061.	204.42-	12.04	0/5.	-64.400	-5.64	1.400		07.4-
040.	-23.040	-11.55	442.	150 447-	-4.67	200.	740.47L	-2.60	2.000		-4.6
690.	-63.413	-10.45	017	-C3.632	90.6-	050.	-43.653	15.5	<.100		-4.62
993.	-43.113	-16.60	022.	-63.674	-7.83	.000	-63.676	-2.43	002•2		44.19
690.	-26.113	10.01-	UE 30	166.32-	1.00	040.	116.22-	-5. Jb	4.300		-4.56
72	**** * 77-	-13. UE	0+7.	266.33-	04.7-	. / 60	-66.574	52·c-	7.400		-4.5
. 75	+76.167	90.11-	UC 2.	162.72-	-1.34	uc/.	142.22-	-5.63	4.500	-22.241	14.50
. 78	170.12-	K0.71-	• ctu	-61.937	-1.17	.700	-61.433	-2.17	7.600		14.4
150.	€6€•1/-	-13.to	0/2.	-61.637	-7.03	010.	-61.636	-5.15	<.100	٠	4.4.
. B.	-21.655	-13.66	. '80	-61.340	-0.07	9 3	-61.343	-2.06	V.800	-<1.334	4.41
, 6e 7	170.405	-14.00	0,20	-61.070	-6.11	0/9.	-61.065	-5.62	004.2	-41.061	14.4
060.	-20.164	£6.51-	000.	וניים מהצ	54.65))	-60.198	65.3-	3.000	-20.793	ž.
501.	130 14	90 - 1 1 -	156.	145.51-	-6-1/	1.600	545.41	-4.77	3.500	¥85.41-	-4.28
170	-16.536	7.1.	70,	-10.570	4).6-	1.600	- 4 8 . 56¢	00.	7.000	-18.563	-4.18
135	vca./1-	D	JC 1.	K/0°/1-	44.6-	1.350	<10.11-	97.4-	4.500	-17.672	01.4-
951	-10.01-	-0.	005.	160.01-	+2.C-	1.500	368.01-	7. • 4-	2.000	-10.000	-4.03
691	-10.179	Ju. / 1	044.	561.01-	€0.c-	1.650	261.91-	-4.23	5.500	0.1.01-	¥.6.1
. i ao	*CC *C !-	76.1-	900.	996.61-	10.1	1.600	-15.565	77.1	0000	-15.563	D. C.
. 95	11.4.404	37.01	, C 3 C	000.61-	10.41	1.450	L	50.4-	6.500	976.71-	3.8
. 10	1] 4.1.	47.0-	22/.	-14.486	14.5	7.100	14.480	19.97	2.000	F14.47-	-3.7
٠, ۲۶	1377.11	52.0-	٠٤/٠	2000-11-	1	7.630	-14.000	J. E. S. I	7.500	-14.005	-3.7
· < 40	-12.500	10.46	300.	215.51	14.30	004.7	13.570	-3.82	9.000	-13.564	0.
552	-17.104	11.00	307.	113.103	77.1	7.550	-13.16/	-3.76	8.500	-13.166	-3.6
042.	-16.121	17.44	904.	CK/ . 31-	7.1.	C.100	-16.734	-3.70	200.7	-14.793	-3.56
C87.	-16.44.5	-0.00	٠ •	1 44. 71-	10.11	7.850	17.446	13.04	005.5	-17.445	
											;

Table 177. Azimuthal Magnetic Field (Poorly Conducting Soil), Frequency = 10.0 MHz, VED Height = 22.48 m

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(UE) (UE) (RM)	16HT		PHASE	HE IGHT		PHASE	HE ICHT		PHASE	HELGHT	AMP	PHASE
130.00	(KM)		(DEC)	(KA)		(ひたら)	ê Y		(Ut.G)	(X M)	(PO)	(DEG)
25.17	000	•	-34.10	00000		-40.70	200.0	•	-41.23	00000	-61.018	7.7.
	.003	•	-28.37	010		95.1-	050.	•	2*•21	001.	-45.164	7.7
	900	•	-10.13	020.		13.20	999.	•	30.06	00₹	191.65-	46.5
	600.		76.8-	. u 30		64.33	040.	•	43.06	0000	-35.666	50.16
	015		₽5 • -	340.		31.16	021.	•	42.6]	004.	561.66-	50.86
### ### #### #### ####################	018		7.64	040.		35.46	767.	•	47.15	004.	-31,280	51.3
10, 00	018		11.24	900		30.30	097.	•	41.04	000.	-69.124	21.04
100	.021		15.84	0,0		40.50	.210	•	10.01	007.	-24.412	51.9
### ### ### ### ### ### ### ### ### ##	920		17.08	080.		44.14	047.	•	47.50	008.	-47.200	52.11
00.02	.027		68.22	0.00		43.40	0/2.	•	44.94	004.	-40.285	52.24
09.02	030		20.62	.100		44.44	006.	•	50.30	0000	-65.399	52,36
249.02	033		*4.72	.110		45.67	066.	•	50.60	1.100	-24.600	54.46
70.16	036		c9.62	.160	-	40.00	195.	•	50.65	1.200	-63,473	56.55
\$5.12	603		94.69	.130		46.54	3,50	•	21.07	1.300	-43.206	52.0
24.12	240.		33.66	.140		47.11	074.	•	51.25	1.400	-24.594	54.76
7.1.	.045		34.56	.150		47.57	064.	•	24.42	1.500	-44.044	54.70
01-10 010-10 010- 010- 010- 010- 010- 0	640		35.75	.100		47.77	104.	•	74.15	1.000	164.17-	32.86
\$1.00 30.00	150		30.82	170		48.32	015.	•	34.70	00/-1	-20.333	50.00
10.00	950		37.78	180		10.01	740	•	51.82	1.500	-20.546	2.00
\$2.00	150		38.65	067.	-	40.43	57 60	•	54.43	1.900	-<0.036	56.50
\$\$\text{\$\	090		34.65	002.		27.74	0000	•	54.03	2.000	-19.670	53.04
	.063		40.15	. 410		りませたま	.630	•	54.13	2.100	-14.670	33.00
1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	990		40.41	022.		47.05	. 660	•	54.21	2.200	106.01-	53.11
	690		41.41	065.		4.30	7.0	•	54.30	005.5	-18.345	53.15
######################################	072		14.47	042.		₹0.0¢	./60	•	56.37	204.0	-14.205	23.15
1,000 1,00	.075		£4.74	UC>•		20.00	067.	•	34.45	2.500	-17,480	53.63
	078		46.37	092.		46.44	196.	•	54.56	2.b00	-17.570	>3.26
	190		43.46	0620		50.0¢	010.	•	56.53	7.00	-17.272	53,36
	0.84		43.63	082.		20.00	. 640	•	54.65	2.500	-10.400	34.4
	180		77.44	040.		ס•ויק	0/9.		17.25	004.2	-10.711	53,37
\$\text{2.5} \text{4.5} \text{5.5}	060		44.54	300.		ck.0c	20%	•	56.77	3.000	-10.447	53.4
\$0.60												
10. Let cas, st. 1 uus, 1 by, 1 cys, 1 uu, 2 cys, 2	105	-15.335	*1.0*	1350	-15.303	15.15	1.650	-15.673	50.50	3.500	-13.260	5.4.5
13.45 14.45	120	-14.346	41.35	004.	-14.645	51.48	1.000	C02.41-	530	000.4	-14.253	53.76
1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	135	10,401-	40.33	204.	-13.452	26.38	1.350	13.390	53.53	4.500	-13.385	53.44
##+.Le adv.11	150	-14.161	47.15	2000	-14.665	56.74	1.500	-14.631	53.76	2.000	-14.646	54.14
-11.496 11.436 10.646 11.436 11.4369 1	165	-14.000	47.85	ucs .	177.11	53.07	1.650	11.466	たか・サン	005.5	-11. yo	54.36
40.00 159.00 10.00	190	-11.405	70.48	009.	-11.396	53,30	1.5000	-11.364	17.44	000.0	-11.35B	74.5
76.**C 564.4" 401.5 64.4C 56.41 405. 76.1C 10.4.1 10.4.1 10.5.1 10.4.2 1	195	-10.936	CV • LC	049.	-10.800	53.09	1.950	468.01-	24.44	4.500	-10.864	54.70
14.47 04.47 045.5 05.44 149.4 047. 40.54 410.41- 41.47 04.47 410.	610	104.01-	74.16	. 200	-10.370	54.50	4.100	-10.356	24.07	1.000	-10.34	54.41
\$1.c2 052.4" 004.5 1c.*c 2*c.*!" 008. 1c.5c 710.4" [4.c2 061.4" 0cc.5 18.*c 261.4" 008. 04.5d 70.4" 74.c2 18.0" 007.5 01.cc 008.0" 004. 16.5c 124.0"	552	-10.01-	ζ0 • 2ζ	150	145.4-	24,60	4.250	014.4.	14.40	1.500	4000	55.1
[**cc no[** ncc*2 /***c c8]** ncs* n**2 kc2** 1k4*c 1k4*c no[**cc no[**cc ncs*a nn*, fc**c 1k4*c	640	410.4-	14.76	2000	C*C.Y-	14.26	004.7	7×526	52.15	3.000	115.6-	55.36
	555	¥4.65%	56.46	058.	-4.185	24.87	055.7	14.160	15.41	d.50c	-4.151	25.0(
	0/2	77.0-	46.46	22.	000.0-	97.55	2.700	-6.831	52.47	000.	-8.862	55.6
****** 18*8" UC0*2 /***CC QCC*0" UC6* 18*5C 150*0"	. ≥ 85	170.0-	53.81	344.	-0.550	74.55	7.000	-8.53¢	44.65	7.500	-4.563	20.1
	,						,,,,					

Table 178. Azimuthal Magnetic Field (Poorly Conducting Soil), Frequency = 10,0 MHz, VED Height = 44,95 m

1	PHA SE	ME IGHT	A	FAA SE	7F [64]	Ą	PHASE	HE TOHE	AMP	PHAS
	(0)	EX.		(UE 6)	(X	(90)	(026)	(KA)	(PO)	(UEG)
· ·	3 1	000		-63.91	0000	-42.716	-24.36	000.0	-56.152	24.5
• •	3 4	3 3		67.4	26.0	504 50	90°75	001.	-40.254	6 0.8
	7.77	05.4		0 -		001.1	10 to	902.	34.245	4.5
~	2.76	3		70.21	2	201.00	24.74	000	000.00	90
u	04.7	0<0.		52.27	307.	744.47			26.02-	
v	٠ ۲٠	090.		55.66	100.	-C4.845	60.09	009	-24.401	9 6
٠,	95.))		57.36	012.	-63.587	65.83	.700	-23.551	9
٠,	4.0	000		ንሳ ወር	. 4.	-66.458	04.00	000	-22.420	0.0
٠,	7.01	3		₽₽• 09	0/2.	-61.465	60.85	004.	-61.427	6.7
3	٠, د .	22.		01.31	300	146.02-	12./9	1.000	-20.542	2.69
1	2/ •	٦. •		02.17	955.	782.41-	61.52	1 . 1 00	-19.745	4.60
3	* 0	171.		66.69	100.	150.41-	67.78	1.200	-14.020	400
4	a . 50	JE 1.		14.50	045.	-18.393	60.00	1.000	-18.356	9
'n	3.0	011.		10.10	074.	17.780	64.20	1.400	-17.744	0
n	7 - T	, L 20		15.40	004.	-17.71-	66.37	1.500	-17.177	2.04
٠.	70.70	.160		74.40	204.	-10.04-	66.53	1.000	549-01-	
,,	7.50	.176		47.50	014.	-16.189	64.68	1.700	-16,155	7
,,	90.4	.100		65.63	J4C.	-15.725	60.81	1.800	-15.091	6.69
Α,	74.4	047.		65.43	0/5.	-12.280	66.99	1.400	-15.255	0.00
η.	97.	007.		12.99	000.	-14.876	64.05	5.000	-14.843	70.07
n.	?:	217		00.40	.630	-14.483	67.16	2.100	-14.453	70.1
n s	00.	022.		06.70	.000	-14.115	67.26	2.200	-14.083	70.
ก	, i	0 C 7 .		26.00	30.0	-13.763	67.30	2.300	-13.731	70.2
n				51.70	25.	-13.427	67.40	2.400	-13.395	70.2
n .	00.0	000		97.32	367.	101.51	67.55	2.500	-13.076	70.3
3 4	9 1	201		10.70	20.	108.71	94.00	2.600	-14.770	70.3
0 4) :) :			60.	20.	17.508	67.13	2.700	-12.477	70.4
		007.		64.49	3 to .	-14.248	67.81	2.600	-12.197	70.4
0 1	7.	2.		0.80	20.	a56.11-	D4.40	2.400	-11.928	70.5
D	٠ •			99.))	004-11-	64.47	3.000	-11.670	10.6
•	3	j				;				
	***	000	170*01	08.85	1.00	110.544	70.37	3.500	-10.515	5°0'
•	0 :	*	7	3.4.	1.600	575.4-	21.01	000.4	-9.545	71.2
	20.00	on :	120.0	20.07	1.350	9.7.6	71.14	4.500	-4.719	71.5
	C	000	901.0	95.0	1.500	-8.034	71.55	2.000	900 P-	71.8
	0.0	966	994./-	11.05	1.650	-1.415	71.97	5.500	-7,388	72.2
	98.80	200	945.0-	71.63	1.600	-6.874	74.41	000.0	-6.848	72.61
	40.40	0 0	-6.47	72.18	1.450	104.9-	74.87	6.500	-6.375	
	70.00	. 100	-6.050	76.74	2.100	-5.986	73,37	7.000	-5.960	73.5
	06.1	.750	-5.690	73,32	7.250	->.62)	73.89	7,500	-5.596	74.0
	رد. در.	200	-5.370	73.43	7.400	-5.30	74.46	8.000	-5.278	74.6
	\$6.27	000	160.5-	74.56	Jed. 5	-5.023	75.03	8.500	676.91	75.1
	73.70	000	P10.1-	75.22	2.700	182.4-	73.65	9.000	-4.757	75.79
	66.47	956.	-4.63d	75.42	2,410	-4.57				
						1	000	9.500	645.4-	76.4

Table 179. Azimuthal Magnetic Field (Poorly Conducting Soil), Frequency = 100.0 MHz, VED Height = 0.00 m

OHNK ANGE	DHACE	10 40	100	-3.47	7		7	10.04	3	90		2.		70	67		100	62	61	.5	58	57	56	55	55	3	53		25	.5	51	30.	50			Ç	Ç.	*	7 (y .	*	**).	3	9.0	5.7	7.00
30.0 KM DOWNKANGE	OMA		140-74-	100.04-	-6 1. 5H	100000	-37.618	-35.709	-34,154	-32.843	-31.712	-30.717	-49.430	-27,031	-< B. 303	-47.636	-< 7. 020	655.02-	-45.917	-25.418	444.42-	-24.507	-24.083	-23.693	-23.317	-24.958	-22.616	-22.289	-21.975	-21.675	-21.380	-51.109	-20.841		70007	110.01	200	00000	27.01.	0.00	740.01	00000	100001	13.015	13.616	069.21-	-12.165
	16 13 47	5	000-0	050.	000	060	120	150	097	012	047.	075.	0000	336	360	065.	074.	044.	084.	.510	0.540	.570	000.	06.30	.000	06.9	.720	.750	.780	079.	049.	.870	004.	-	000	20.4	000	000.	000		000	001.2	000,	200	700	, ,	3.000
INFANCE	2440	(5)4(5)	7H . O. 5-	15.6-	17.11	-3.43	-4.67	-2.21	16.1-	54.1-	-1.53	07.1-	-1.30	-1.21	-1.14	90.1-	-1.03	J	36.	[6	99.	85	83	61		17		73	72	70	 00.	68	67		30.	0 0	000	000	0 1		4		* * 1	7 6	7.4	1 4	04.
SOLVER COUNTRANCE	£	(20)	415.60-	C14.42-	-43.554	0.075	-11.61.	-35,700	751.46-	-36.046	-31,711	112°0c-	-69.830	150,82-	-66,303	-c7.63b	-c7.02v	-cp.447	-45.917	214,62-	446°77_	-64.507	V80.47-	-63.643	-63.31/	-cc.95e	-44.616	-62.287	-<1.47>	-<1.675	-41.386	-61.105	148.02-	25.4.51.		17 7 7 1	20.41	7 2 2 4 7 -	26.64		103.41	190 47-	1000	610.51	10.54.54.	064.21-	-12,165
	תר (נת	.4.4	2000	010.	.000	40.00	040.	050.	000.	0/0.	200.	263.	201.	٠. ١	.120	1.10	047.	uc	707.	٥, ١٠	. 100	74.	207.	012.	.660	065.	• 640	067.	162.	112.	262.	2.7.	995.	1	204	4			100		200	27.			004	06%	1.000
WINK MITGE	17.1	(5,5,5)	10.04-	<2.62-	-15.12	P7.01-	7.00	16.91	-5.30	94.1-	10.4-	-3.64	-3.60	-3.01	-6.70	24.50	24.2	12.2	-4.14	-4.03	-1.43	+0.1-	-1.16	-1.64	-1.62	95.1-	14.1.	-1.40	1.1.1	76.1-	-1.33	.ı	-1. دے	91.1	,	7		7.		7				5,1			14
D. U. KM. U.C. KIRKINGO	4 7	(90)	100.00-	176.04-	000.00-	137.704	¥40./5-	-15.000	-34.124	-36.966	171.646	-30.105	120.42-	-63.063	-66.677	160.12-	-c7.016	7,000	145.413	-65.415	154.27	404.40	100.42-	-c3.676	-63.315	164.22	<10.22-	262.22-	-74-17-	-19.17-	-41.385	-41.108	140.02-	-19.637	710.01-	-17.7.1	CEK. 91-	110.7.17	12001	15.042	575.41.	1.4.0.1	13.613	17.51	-14.838	16.430	-12.165
	AC 10H1	(# #)	20000	500.	020.	F00.	>1 n.	۲۱ ۹۰	p 7 3 •	100.	\$V0.	120.	000.	667.	950.	トゥゥ・	V + 5	· · ·	2 5 0	100.	4 50.	107.	200.	2000	• 000	A 0 0 •	٧,٠٠	٠. د (D/0•	700.	\$ P	000))													597.	.300
COANALGE	77 × SE	(046))))))	-2/*/2-	F7 * D7 +	- -</td <td>cc.12-</td> <td>10./1-</td> <td>-14.71</td> <td>-14.00</td> <td>11.11-</td> <td>,</td> <td>10.00</td> <td>N</td> <td>75./</td> <td>10.01</td> <td>دد.٥-</td> <td>24.61</td> <td>₹₹.₹.</td> <td>23.64</td> <td>24.41</td> <td>90.71</td> <td>14.46</td> <td>17.4-</td> <td>70.41</td> <td>12.01</td> <td>0.5</td> <td>20.5</td> <td>בריקע</td> <td>47.67</td> <td>7</td> <td>77.5</td> <td>26.3-</td> <td>K+*>-</td> <td>27.7-</td> <td>55.71</td> <td>-1.73</td> <td>14.1-</td> <td>74.1-</td> <td>-10.36</td> <td>-1.64</td> <td>71.1-</td> <td>-1.07</td> <td>00.1</td> <td>54</td> <td>25.1</td> <td>D • U</td>	cc.12-	10./1-	-14.71	-14.00	11.11-	,	10.00	N	75./	10.01	دد.٥-	24.61	₹₹. ₹.	23.64	24.41	90.71	14.46	17.4-	70.41	12.01	0.5	20.5	בריקע	47.67	7	77.5	26.3-	K+*>-	27.7-	55.71	-1.73	14.1-	74.1-	-10.36	-1.64	71.1-	-1.07	00.1	54	25.1	D • U
7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	i i	2	¥10.04-	777.54	101.17-	-33.06.	0.000	047.00-	-33.335	-36.000	21.040	134.304	-63.160	******	162.02-	C/C-/2-	504.37	50.00	-62.016	-(3.36¢	076.47-	K . 2 . 3 . 1	*****	72.070	-63.670	-26.434	-76.37	-66.613	104.17	100.12-	# 10 0 M 10 1	20017	150.05-	-13.063	-10.00-	-1/./15	-10.736	-16.634	-15.668	-15.040	-14.563	-14.050	-13.014	-13.641	-16.83/	-14.467	-14.104
	75.1347	(·	20c 3	101	200	700°	7 i	507.	00c		E (0	F 0 0	ء د. ع د: •	→ n	210.	7.7.	4 i	010	610		0 C	N 0	000	120.	220.	£20.	# UC .	0.00	0 N	120.	920.		or o.	•035	040.	540.	• :550	\$50.	090.	• 065	0.00	. 0.75	080.	. 185	060.	\$60°	001.

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Table 180. Azimuthal Magnetic Field (Poorly Conducting Soil), Frequency = 100.0 MHz, VED Height = 2.25 m

DENKANGE	PHACE	(1)6 (4)	35.85	3	53.0H	45.50	53.84	00.45	24.	54.18	24.24	54.60	54.32	54.36	54.38	14.40	54.40	54.40	24.40	54.50	14.40	54.53	54.53	54.57	24.58	24.60	24.61	54.63	24.65	54.66	24.68	54,70	54.71	j	90	600		20.00	55, 35	55.49	55.64	55.80	55.97	56.15	56.34	56.55	56.76
30.0 AM DOBNIKANGE		(100)		-44. BZH																				-18.980										4	200	100.1	7.33	-13.662	-11.065	-10.530	-10.049	-9.613	-4.218	-8.85A	-8.530	-8.23	1.457
	HE ICH	3	00000	050.	040.	040	.120	051.	180	.<10	0.7.	022.	005.	.330	.360	340.	.420	.450	084.	015.	040	025.	.600	050.	.660	069.	021.	952.	086.	.610	012.	0.4.	004.	0.00	000	3.1	005-1	1.650	000.7	1.950	€.100	2.250	2.400	2.550	2.700	2.650	3.000
UDANRANGE	PHASE	(050)	19.06-	45.50	20.07	51.59	56.35	54.81	53.11	53.33	74.50	53.63	53.74	54.43	04.56	53.47	20.44	24.67	24.14	54.15	54.20	54.23	2**27	5*•30	54.33	5**36	54.30	54.4]	54.44	54.46	54.49	54.51	54.53	44.44	14.76	3.00	50.00	55.13	55.27	55.42	55.57	55.74	16.66	26.10	50.29	50.50	50.72
LU.U KM UDANRANGE	Ā	(90)	-00.185	146.741	-20.05	-35.340	100.75-	164.00-	163.460	-68.111	186.02-	-c2.48/	-65.102	-64.303	169.57	116.77-	-66.297	-61.767	961.13-	-60.03	-64.633	14.743	-17.377	-18.963	409.81-	-16.253	574.77	-17.588	-17.278	100,400	10.01	777.01	-46.155	262.41.	745.41	550.51-	-16.334	-11.664	-11.067	-10.533	-10.051	-4.615	-7.220	10.460	-8.53J	-6.233	-7.450
	JE JOHT	, K.	2000	010.	2000		313.	JC J.	200.	010.	7000).).	201.	011.	.160	061.	777.	150	201.	0/1.	191.	24.	200	017.	022.	· < 3v	040	063.	950	0/2	187.	040.	007.	net.											00%		
PANTA SE	FHASE	(UE 0)	-35.04	11.02	34.05	***	1/.	00.03	10.41	¥6.50	50.00	21.30	۰۱۶	51.79	12.20	24.41	¥6.20	26.14	26.87	56.45	41.66	53.17	23.KE	95.50	53.44	10.50	34.08	30.0	,000	27.6	0 · 0 · 0	0.0	55.40	54.11	54.30	54.40	54.65	54.41	54.40	41.44	55, 43	52.55	55.71	14.00	26.12	56.33	26.56
DERMARDO MY OFF	Ā	(00)	-30.338	3. 740	c/c.ac-	135.640	-36,360	-30.346	704.47-	001.07-	-40.175	C 24 • C 7-	101.62-	-64.30-	-c 3. 38 u	C14.22-	-66.301	-61.136	-61.606	-60.705	-20°57	KK/ -K1-	すなり。トー	つきき むゴー	010-01-	002.81	026.11	065.71	C97.1-	996-01-	201.01.	7.	501.01.	-14.476	017.51-	-13.102	-14.344	-11.67	-11.075	144.01-	450.01-	-5.623	4.428	-4.868	040.0	-8-24	194./-
	חב ונחו	(¥¥)	2000	700.	0 3 0))	917.	C 7 .	٠٠ اه	127.	• > 0 •	127.	26.3.	500.	0000	793.	V \$ 3 .	\$.		160	*C)•	160.	2020	700	000)))	2.0	0 1	0 :	100	* N	•))	c) [.	071.	ct.1.	061.	ç0 F.	707.	٠. د	010	ć 22.	010.	ζζ.	0/2	(8)·	005.
15% 4 X 7 3	LINA SE	3	17.00-	24.7-	111111111111111111111111111111111111111	10.7	33.6	10.75	11.04	61.24	43.16	1	10.70	0	;	70.01	0	1	47.36	00.	0 .	52.05	0 :	2		210	20.40	0 4	20.10	21010			60.00	46.36	26.37	53.53	22.62	53.40	07.00	24.41	04.60	, e e	51.66	25.56	10.00	22.80	21.00
10 10 10 10 10 10 10 10 10 10 10 10 10 1	ž	200	0.00.04.	771.	120.101	17	162.26-	**************************************	101.67	77. 47.	200-22	340.07	0000	1024.2	**************************************	100.15	0/7.72	C11.12	3 F T T T T	- NO - 3 /-	662.75	0.00	101.61	10.33	770 01	107.01.			2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2			, , , , , , ,		-[4.443	-13.480	-13:161-	-16.304	240.11-	040.11	200-01-	00.0	***	- 7.647	0 0	10.00	202.0	007.
	At Ion?	٠ (٢ ٢ -	3.	• • • •	3 .	200	•	٠ د د د د د د	0 0 0 0	- 1 - 2 - 3 - 4	000) - - - -	4 () 4 - 3 ()																				• (35											060	0 0	001

Table 181. Azimuthal Magnetic Field (Poorly Conducting Soil), Frequency = 100.0 MHz, VED Height = 4.50 m

0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0.000 0.000	110.00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	14,17 (JUL) (JUL) 14,17 (JUL) 15,17 (JUL)	(UB) (NR) (UB)	(UE) (UE) (UE) (UE) (UE) (UE) (UE) (UE)	(UEG) (NM) (UB) (UEG) (NM) (UB) (UB) (UB) (UB) (UB) (UB) (UB) (UB
		- 1100.00 - 0.00	- 110.00c	- 110.00c	- 110.ac-	- 110°0c- 000°0 {/***1- 085°5+ 000°0 65***1- 10**** 05°71
104.40/ 104.40/ 104.051 104.051 104.051 104.051 100.33/ 100.33/ 100.33/ 100.33/ 100.33/ 100.33/ 100.33/ 100.33/ 100.33/ 100.33/	100 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	# 17 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	202-02- 010. 45.44 202-02- 020. 57.40 202-02- 020. 40.50 202-02- 020. 45.40 202-02- 020. 45.40	14.44. 040 46.44 4040 -44.051 -44.051	190****	195.51 010. YC.74 850.Yt. 100. /6.51
100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000	10000000000000000000000000000000000000	160.442 000. 205.651 000. 205.651 000. 205.651 000. 205.651 000.	160.465	140.4t 57.4t 518.tt		
1	2000 R 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	207.071 070. 80%.871 070. 707.671 070. 70.710 70.710	**************************************	5.5.05 05.05 EST.05.	140.42
1	1 1 1 2 2 3 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	202-031 000 0 040-431 000 0 040-431 000 0	202.02- 000. 40.40		001.01 040. 40.00 01.00 040.	\$00° \$2' \$2' \$0.50 [01.00] \ \0.50 \ \
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Appendix A

ELECTROMAGNETIC FIELD EQUATIONS

An elemental VED of moment II in air above a plane, homogeneous earth radiates transverse magnetic (TM) fields which can be represented in cylindrical coordinates by the three components

$$E_{z} = \frac{-ik_{2}II \eta_{o}}{4\pi} \left[\cos^{2} \psi_{D} \frac{e^{-ik_{2}D}}{D} + \Gamma_{M} \cos^{2} \psi_{R} \frac{e^{-ik_{2}R}}{R} + (1 - \Gamma_{M})F(w) \cos^{2} \psi_{R} \frac{e^{-ik_{2}R}}{R} \right]$$
(A1)

$$E_{\rho} = \frac{-\mathrm{i} k_2 \, \mathrm{I} \ell \, \eta_0}{4\pi} \left[\sin \psi_\mathrm{D} \cos \psi_\mathrm{D} \, \frac{\mathrm{e}^{-\mathrm{i} k_2 \mathrm{D}}}{\mathrm{D}} - \Gamma_\mathrm{M} \, \sin \psi_\mathrm{R} \cos \psi_\mathrm{R} \, \frac{\mathrm{e}^{-\mathrm{i} k_2 \mathrm{R}}}{\mathrm{R}} \right]$$

+
$$(1 - \Gamma_{M})F(w)\Delta_{R} \cos \psi_{R} = \frac{e^{-ik_{2}R}}{R}$$
 (A2)

and

$$H_{\phi} = \frac{ik_{2}H}{4\pi} \left[\cos \psi_{D} \frac{e^{-ik_{2}D}}{D} + \Gamma_{M} \cos \psi_{R} \frac{e^{-ik_{2}R}}{R} + (1 - \Gamma_{M})F(w) \cos \psi_{R} \frac{e^{-ik_{2}R}}{R} \right]$$
(A3)

where E_z is the vertical electric field, E_ρ is the radial electric field, and H_ϕ is the azimuthal magnetic field. Each component is expressed as the sum of three terms, corresponding to Norton's direct, reflected, and surface wave representation. Near field contributions and the exp (+i ω t) time dependence have been omitted. The geometry is given in Figure A1, where

d = downrange distance along z = 0 plane

h = VED height above z = 0

z = field point above z = 0

$$D = [d^2 + (h - z)^2]^{1/2}$$

R =
$$[d^2 + (h + z)^2]^{1/2}$$

$$\cos \psi_{\mathbf{D}} = \mathbf{d}/\mathbf{D}$$

$$\cos \psi_{R} = d/R$$

$$\sin \psi_{\rm D} = (h - z)/D$$

and

$$\sin \psi_{\rm R} = (h+z)/R$$
.

The TM Fresnel reflection coefficient for parallel polarization,

$$\Gamma_{\rm M}$$
 = (sin $\psi_{\rm R}$ - $\Delta_{\rm R}$)/(sin $\psi_{\rm R}$ + $\Delta_{\rm R}$)

where

$$\Delta_{R} = \frac{\mu_{1} k_{2}}{\mu_{2} k_{1}} \left[1 - \left(\frac{k_{2}}{k_{1}} \right)^{2} \cos^{2} \psi_{R} \right]^{1/2}$$

is the normalized surface impedance. The propagation constant in the air

$$k_2 = \frac{i\omega}{c} \sqrt{\kappa_2}$$
 , $(z > 0)$

while in the earth

$$k_1 = \frac{i\omega}{c} \left[\kappa_1 - i \frac{\sigma_1}{\omega \epsilon_0} \right]^{1/2}$$
, $(z < 0)$.

Also,

 $\mu_0 = 4\pi \times 10^{-7} \text{ H/m} = \text{permeability of free space}$

 $\epsilon_0 \approx 8.854 \times 10^{-12} \text{ F/m} = \text{permittivity of free space}$

 $\eta_0 = (\mu_0/\epsilon_0)^{1/2}$ = impedance of free space

 μ_1 = earth permeability

 κ_1 = earth relative permittivity = ϵ_1/ϵ_0

 $\sigma_1 = earth conductivity$

 μ_2 = air permeability

 κ_2 = air relative permittivity = ϵ_2/ϵ_0

 $\omega = 2\pi f$, where f is the frequency (Hz), and

 $c = 2.997 \times 10^8 \text{ m/sec.}$

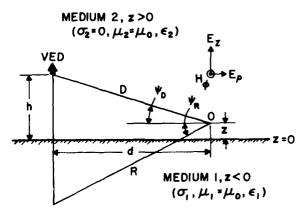


Figure A1. Geometry for the Field Equations, Showing the VED Source at Height h Above the z=0 Plane and the Three Field Components E_z , E_0 , and H_ϕ (Out of Paper) at Point 0 at Height z and Downrange Distance d

The attenuation function F(w), which accounts for the effect of the lossy plane earth on the surface wave terms, can be written as

$$F(w) = 1 - i \sqrt{\pi w} e^{-w} \operatorname{erfc} (i \sqrt{w})$$
 (A4)

where w, the so called 'numerical distance', is given by

$$w = \frac{-ik_2R}{2\cos^2\psi_R} (\Delta_R + \sin\psi_R)^2$$
 (A5)

and erfc (i $\sqrt{w})$ is the complement of the error function of argument i \sqrt{w} .

Appendix B

RANGE OF APPLICABILITY

Equations (A1), (A2), and (A3) may be derived from the approximate Hertz potential

$$\Pi_z = \frac{e^{-ik_2D}}{D} + \Gamma_M \frac{e^{-ik_2R}}{R} + (1 - \Gamma_M) \frac{e^{-ik_2R}}{R}$$

by multiplying $\Pi_{\mathbf{z}}$ by -iII/ $4\pi\omega\,\epsilon_{_{\mathrm{O}}}$, applying

$$\vec{E} = \vec{\nabla} \vec{\nabla} \cdot \vec{\Pi} + k^2 \vec{\Pi}$$

$$\vec{H} = -\frac{k^2}{i\omega\mu_0} \vec{\nabla} \times \vec{\Pi}$$

and then discarding terms in ρ^{-2} or smaller. Since the fields must satisfy the wave equation

$$\vec{\nabla}^2 \vec{A} = k^2 \vec{A} \quad , \tag{B1}$$

the restrictions imposed by the Hertz potential approximation may be found by inserting Eqs. (A1), (A2), and (A3) into Eq. (B1) and studying the remainder terms. It may be shown that these terms are negligible if

$$\sin \psi_{\mathrm{R}} \ll \left| \Delta_{\mathrm{R}} \right| \cdot \left| \frac{\mathbf{k}_{1}}{\mathbf{k}_{2}} \right|^{4} \cdot \left| \frac{\mu_{2}}{\mu_{1}} \right|^{2} \tag{B2}$$

and

$$\left|\sin\psi_{\rm R} + \Delta_{\rm R}\right|^2 \ll 1\tag{B3}$$

More detailed discussion of these approximations may be found in King. 7

Numerical values of the factors in Eqs. (B2) and (B3) for the five earth surfaces are given in Tables B1 to B5. These show that Eq. (B2) is satisfied for any value of ψ_R . On the other hand, since the phase of Δ_R for a smooth, homogeneous surface is confined within the range 0 degrees (for a nonconducting surface) to +45 degrees (for a good conductor). Eq. (B3) can be satisfied only if both

$$|\Delta_{\mathbf{R}}|^2 \ll 1 \tag{B4}$$

and

$$\sin^2 \psi_R \ll 1 \tag{B5}$$

For all frequencies and surfaces considered, the tables show that Eq. (B4) is satisfied. Equation (B5) restricts ψ_R to about 20 degrees or so, but in deriving Eq. (A4) for F(w), the more stringent condition ⁷

$$(h+z)/d \ll 1 \tag{B6}$$

is used, which further limits ψ_R to 6 degrees or less. Consequently, the criterion adopted for this report is

$$(h+z)/d \le 0,1 \quad . \tag{B7}$$

It should be noted that Eq. (B7) is probably much more restrictive than necessary since the surface wave terms rapidly become negligible compared to the combination of direct and reflected terms as $\psi_{\rm R}$ is increased. 13

The minimum distance for which Eqs. (A1), (A2), and (A3) are valid is of the order of 10λ , because the static and induction fields were neglected. Earth curvature limits the maximum practical range. Norton⁸ suggests the plane surface TM equations are valid for distances $d < 80 f^{-1/3}$, where d is in kilometers and f is the frequency in Megahertz. These restrictions on d combined with the criterion of Eq. (B7) determine the trapezoidal areas shown in Figure B1.

Table B1. Propagation Parameters for σ_1 = 4 $\mathrm{S/m}$, κ_1 = 80 (Sea Water)

f (Hz)	k ₂ (m ⁻¹)	k ₁ (m ⁻¹)	$ \Delta_{R} \approx \left \frac{k_2}{k_1}\right $	$\left \Delta_{\mathbf{R}} \right \cdot \left \frac{\mathbf{k}_1}{\mathbf{k}_2} \right ^4 \cdot \left \frac{\mu_2}{\mu_1} \right ^2$
10 ⁵	2.10×10^{-3}	1.78	1.18 × 10 ⁻³	6. 10 × 10 ⁸
10 ⁶	2.10×10^{-2}	5.63	3.73×10^{-3}	1.93 × 10 ⁷
10 ⁷	2.10×10^{-1}	17.8	1.18×10^{-2}	6.10×10^{5}
108	2.10	56.3	3.73×10^{-2}	1.93 × 10 ⁴

Table B2. Propagation Parameters for σ_1 = 0.001 S/m, κ_1 = 80 (Fresh Water)

f (Hz)	k ₂ (m ⁻¹)	k ₁ (m ⁻¹)	$\left \Delta_{R}\right \approx \left \frac{k_2}{k_1}\right $	$\left \left \Delta_{\mathbf{R}} \right \cdot \left \frac{\mathbf{k}_1}{\mathbf{k}_2} \right ^4 \cdot \left \frac{\mu_2}{\mu_1} \right ^2 \right $
10 ⁵	2.10×10^{-3}	2.95×10^{-2}	7.12×10^{-2}	2.77 × 10 ³
10 ⁶	2.10×10^{-2}	1.90×10^{-1}	1.10×10^{-1}	7.43×10^2
10 ⁷	2.10×10^{-1}	1.88	1.12×10^{-1}	7.16×10^{2}
108	2,10	18.8	1.12×10^{-1}	7.16×10^2

Table B3. Propagation Parameters for σ_1 = 2 \times 10 $^{-5}$ S/m, κ_1 = 5 (Ice)

f (Hz)	k ₂ (m ⁻¹)	k ₁ (m ⁻¹)	$ \Delta_{\mathbf{R}} \approx \left \frac{\mathbf{k}_2}{\mathbf{k}_1} \right $	$\left \Delta_{\mathbf{R}} \right \cdot \left \frac{\mathbf{k}_1}{\mathbf{k}_2} \right ^4 \cdot \left \frac{\mu_2}{\mu_1} \right ^2$
10 ⁵	2.10×10^{-3}	5.21×10^{-3}	4.03 × 10 ⁻¹	15.3
106	2.10×10^{-2}	4.70×10^{-2}	4.47×10^{-1}	11.2
107	2.10×10^{-1}	4.70×10^{-1}	4.47×10^{-1}	11.2
108	2.10	4.70	4.47×10^{-1}	11.2

Table B4. Propagation Parameters for σ_1 = 0.01 $\rm S/m,~\kappa_1$ = 20 (Well-Conducting Soil)

f (H2)	k ₂ (m ⁻¹)	k ₁ (m ⁻¹)	$\left \Delta_{R}\right \approx \left \frac{k_{2}}{k_{1}}\right $	$\left \Delta_{\mathbf{R}} \right \cdot \left \frac{\mathbf{k}_1}{\mathbf{k}_2} \right ^4 \cdot \left \frac{\mu_2}{\mu_1} \right ^2$
10 ⁵	2.10×10^{-3}	8.90×10^{-2}	2.36×10^{-2}	7.61 × 10 ⁴
106	2.10×10^{-2}	2.84×10^{-1}	7.41×10^{-2}	2.46×10^3
10 ⁷	2.10×10^{-1}	1.09	1.93×10^{-1}	1.39×10^2
108	2.10	9.41	2.23 × 10 ⁻¹	9,02 × 10 ¹

Table B5. Propagation Parameters for σ_1 = 0.001 $\rm S/m,~\kappa_1$ = 10 (Poorly Conducting Soil)

ſ (Hz)	k ₂ (m ⁻¹)	k ₁ (m ⁻¹)	$ \Delta_{\mathbf{R}} \approx \left \frac{\mathbf{k}_2}{\mathbf{k}_1}\right $	$\left \Delta_{\mathbf{R}}\right \cdot \left \frac{\mathbf{k}_1}{\mathbf{k}_2}\right ^4 \cdot \left \frac{\mu_2}{\mu_1}\right ^2$
10 ⁵	2.10×10^{-3}	2.81×10^{-2}	7.46×10^{-2}	2.41×10^3
106	2.10×10^{-2}	9.53×10^{-2}	2.20×10^{-1}	9.36×10^{1}
107	2.10×10^{-1}	6.70×10^{-1}	3.13×10^{-1}	3.25×10^{1}
108	2.10	6,64	3.16×10^{-1}	3.16×10^{1}

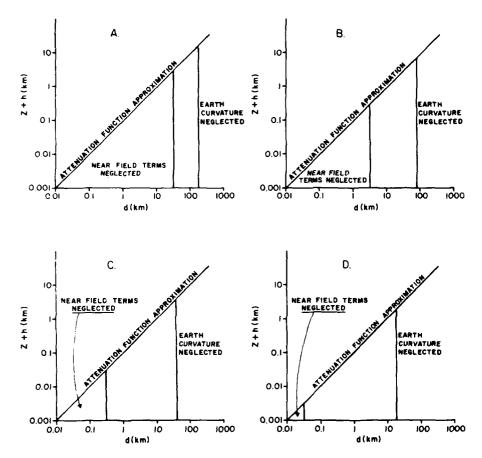


Figure B1. Regions of Validity for the Flat Earth Equations: A) 0.1 = MHz, B) 1.0 MHz, C) 10 MHz, and D) 100 MHz

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